

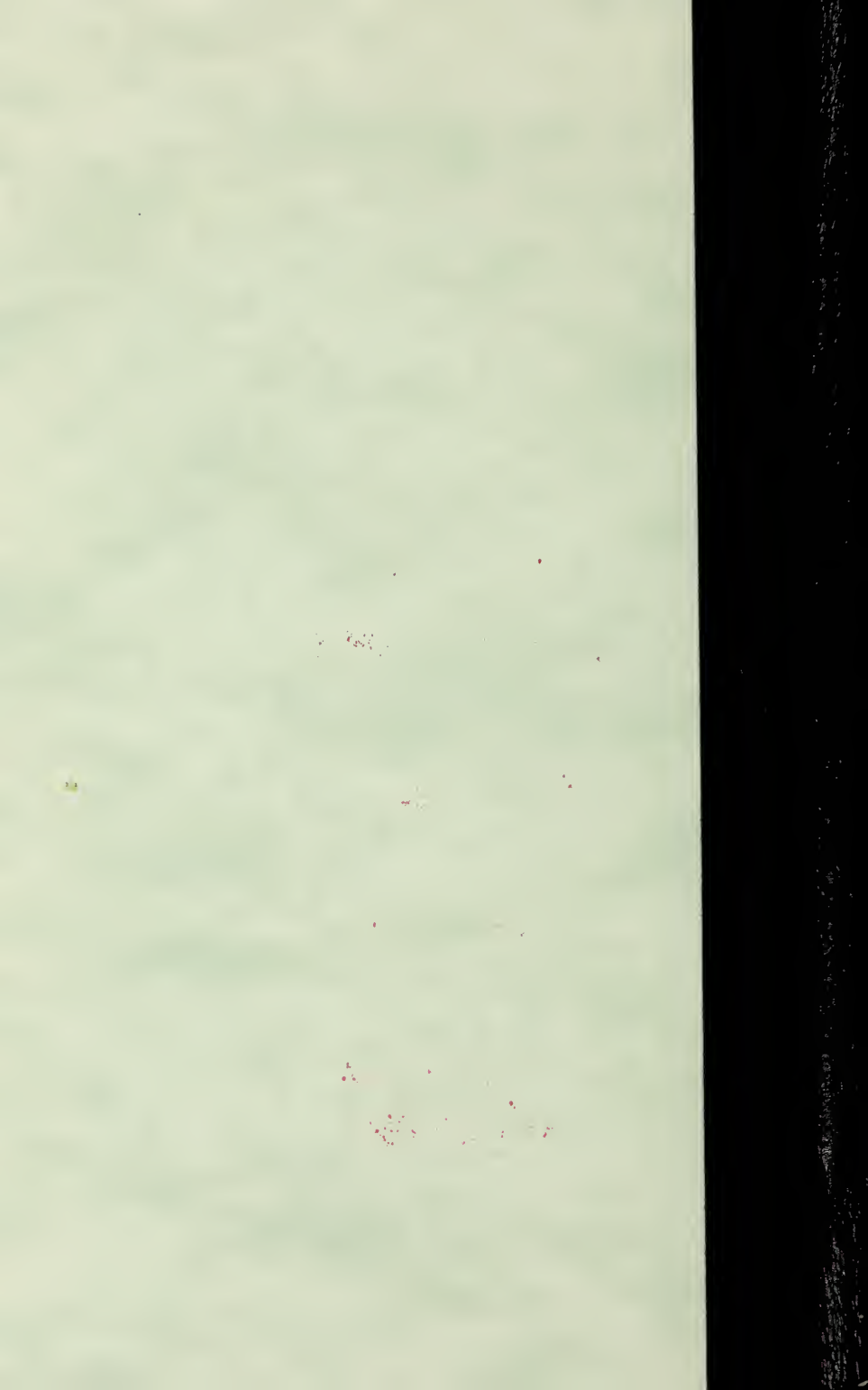
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CITY OF KANSAS.

REPORTS

OF THE

COMPTROLLER,

CITY ENGINEER,

AND OTHER OFFICERS,

TO THE HONORABLE MAYOR AND COMMON COUNCIL

THE LIBRARY OF THE  
OF THE FEB 18 1937  
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CITY OF KANSAS, MO.,

DECEMBER 31, 1882.

KANSAS CITY, MO.:  
RAMSEY, MILLETT & HUDSON, PRINTERS AND PUBLISHERS  
1883.



*Compliments of Wm B Knight  
City Eng*

CITY OF KANSAS.

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REPORTS

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CITY OF KANSAS, MO.,

DECEMBER 31, 1882.

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# CITY OFFICERS.

---

	MAYOR.	
T. B. BULLENE.		Office, old Court House.
	TREASURER.	
A. C. WALMSLEY.		Office, old Court House.
	WM. ALLEN, Clerk.	
	AUDITOR.	
M. L. SULLIVAN.		Office, old Court House.
	B. D. WEST, Clerk.	
	RECORDER.	
GEO. R. JONES.		Office, old Court House.
	ATTORNEY.	
W. J. STRONG.		Office, No. 508 Delaware St.
	SUPERVISOR OF REGISTRATION.	
OTTO SEITS.		
	COUNSELOR.	
D. S. TWITCHELL.		Office, N. W. Cor. Main and Missouri Avenue.
	COMPTROLLER.	
NATH'L GRANT.		Office, old Court House.
	A. E. THOMAS, Clerk.	
	CITY ENGINEER.	
WM. B. KNIGHT.		Office, N. E. Cor. Sixth and Delaware.
	A. A. HOLMES, Assistant City Engineer.	
E. M. ROBINSON, Draughtsman.		H. L. WILTSEE, Clerk.
	CITY CLERK.	
H. P. LANGWORTHY.		Office, old Court House.
	ASSESSOR.	
THOS. H. EDWARDS.		Office, old Court House.
	PUBLIC IMPOUNDER.	
A. J. HISCOX.		West Levee, Foot of Wyandotte St.
	PHYSICIAN.	
JOHN FEE.		Office, No. 12 East Seventh St.
	INSPECTOR OF LICENSES.	
B. WAIBEL.		Office, old Court House.
	CHIEF OF POLICE.	
THOMAS M. SPEERS.		Office, old Court House.
	CHIEF OF FIRE DEPARTMENT.	
GEO. C. HALE.		Office, Engine House, Eighth and Walnut.
	MARKET MASTER.	
M. H. BASS.		Office, Market House.
	SUPERINTENDENT OF WORK-HOUSE.	
JOHN MONYNIHAN.		Office, at Work-House.
	BOILER INSPECTOR.	
J. C. MCFADDEN.		
	ELEVATOR INSPECTOR.	
COLL. McDUGALL.		
	JANITOR.	
WM. JOHNSON.		Office, old Court House.

## ALDERMEN.

---

### FIRST WARD.

W. J. ROSS, J. M. FORD.

### SECOND WARD.

D. H. PORTER, CHAS. BROOKE, SR.

### THIRD WARD.

JAS. ANDERSON, A. J. KESLER.

### FOURTH WARD.

JOHN SALISBURY, J. BRUMBACK.

### FIFTH WARD.

A. A. TOMLINSON, S. M. FORD.

### SIXTH WARD.

M. GAFNEY, C. A. BROCKETT.

## BOARD OF HEALTH.

---

T. B. BULLENE, Mayor (Prest.),

CITY PHYSICIAN,

CHIEF OF POLICE,

CHIEF OF FIRE DEPARTMENT.

ALBERT SCHRUMPF, Sanitary Sergt.,

HARRY H. BULLENE, Clerk.

## POLICE COMMISSIONERS.

---

T. B. BULLENE, Mayor (ex-officio).

J. W. DUNLAP,

H. H. CRAIG

W. O. HUCKETT, Clerk.

# COMMON COUNCIL, 1882.

---

President of Common Council... D. H. PORTER  
 Clerk.....H. P. LANGWORTHY.

## STANDING COMMITTEES.

---

	FINANCE.	
Brumback,	J. M. Ford,	S. M. Ford.
	PUBLIC IMPROVEMENTS.	
Anderson,	Brooke,	Salisbury.
	FIRE DEPARTMENT.	
Kesler,	Ross,	Brooke.
	WATER-WORKS.	
Salisbury,	Anderson,	Tomlinson.
	WORK-HOUSE.	
Brooke,	Brockett,	S. M. Ford.
	PUBLIC BUILDINGS AND GROUNDS.	
Tomlinson,	Brooke,	Gafney.
	GAS-WORKS.	
Brockett,	Gafney,	Anderson.
	ORDINANCE.	
Ross,	Brumback,	Brockett.
	SANITARY.	
J. M. Ford,	Salisbury,	Ross.
	CLAIMS.	
Gafney,	Kesler,	Brumback.
	STREETS AND ALLEYS.	
S. M. Ford,	Brockett,	Kesler.
	AUDITING.	
City Auditor,	J. M. Ford,	Porter.
	Sergeant-at-Arms, CHAS. E. FRADENBERG.	

## COMPTROLLER'S REPORT.

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TREASURY DEPARTMENT, COMPTROLLER'S OFFICE, }  
KANSAS CITY, MO., JANUARY, 1883. }

TO THE HONORABLE, THE MAYOR AND COMMON COUNCIL OF  
THE CITY OF KANSAS,—

GENTLEMEN: I have the honor to present herewith my sixth semi-annual report upon the financial condition of the City, embracing statements of receipts and disbursements during the past six months; together with tables of department monthly expenditures, condition of department funds and appropriations, comparative statements of miscellaneous cash receipts, rebates and penalties on revenue collections, assessment rolls, tax levies, and bonded debt statement.

No City Bonds have matured since my last report, hence no payments have been made on that account, except for a few miscellaneous overdue bonds not before presented for payment.

\$150,000 eight per cent bonds became due June 1, 1882; but \$75,000 thereof were paid at maturity, the remaining \$75,000 being continued in May last for one year at five per cent per annum to avoid a special tax levy. These continued bonds will fall due on the first of June next, when they can be paid from the sinking fund, as designed when the time of payment was extended.

Thereafter, no City Bonds will mature until January 1, 1890. The accumulations of the "sinking fund," if prudently managed, will be sufficient to pay the entire present bonded indebtedness of the City at the periods of maturity.



The condition of the Treasury is good, and revenue collections highly satisfactory, the amount realized during  $8\frac{1}{3}$  months being  $94\frac{99}{100}$  per centum of the entire tax levy for the fiscal year.

Cash receipts from other sources—miscellaneous licenses, Police Court, Work House, and Market House—have also been large, exceeding the receipts during same period in 1881, \$34,017.03.

Cash transactions during past six months (itemized in Cash Account and Statement "A"), were as follows:—

Cash on hand June 30 .....	\$ 284,042 48
<i>Collections—</i>	
On Account of Bond and Interest fund.....	28,050 46
" " " Funded Debt "A,".....	2,174 79
" " " " "B,".....	4,955 57
" " " Sinking fund.....	17,378 42
" " " Delinquent Tax fund .....	2,925 15
" " " Condemnation fund.....	10,970 80
" " " General fund.....	136,252 66
Total Collections.....	\$202,707 85
Total to be accounted for .....	\$486,750 33

## DISBURSEMENTS.

Paid Miscellaneous Bonds, Bond and Int. fund.....	\$ 1,105 00
Paid Interest Coupons, Bond and Int. fund.....	25,809 65
Paid Interest Coupons, Funded Debt "B" fund.....	9,960 00
Paid Interest Currency, ones and twos, Delqt. Tax...	624 00
Paid Refunding Taxes, twice paid, Delqt. Tax.....	91 66
Paid on Judgments Delqt. Tax fund .....	1,800 00
Paid Old Warrant, Delqt. Tax fund. ....	8 40
Paid Damage Awards for Property Condemned for Streets and Alleys, Condemnation fund.....	6,149 60
Paid Warrants outstanding last report Genl. fund...	15,474 04
Paid Warrants issued in settlement of Monthly Ex- penditures (see Statement "A") Genl. fund.....	153,164 96
Total accounted for.....	\$214,187 31
Cash Balance in the Treasury. ....	\$272,570 02

DEPARTMENT REPORTS OF OPERATIONS FOR  $8\frac{1}{3}$  MONTHS.

In response to a request from this office I have received from department officers, reports of operations in their respective departments during the past  $8\frac{1}{3}$  months of the fiscal year 1882, which, with tables of monthly disbursements for same period, are herewith submitted.



While the Comptroller's report covers all fiscal transactions and contains itemized statements of all City expenditures from the several funds, these reports give information as to what has been accomplished by reason of such expenditures from the General Fund, which cannot fail to interest your honorable body, as well as all citizens who are interested in municipal affairs.

## POLICE DEPARTMENT.

Total Expense of Department during 8½ months.....	\$35,038 82
Number of men, exclusive of Police Commissioners.....	56
Cash collected on Fines in the Recorder's Court and paid City Treasurer.....	\$12,406 55
Total number of Arrests reported during 8½ months.....	3,398
Prisoners sent to Work House.....	993
Total value of stolen money and property recovered and returned to owners.....	\$ 8,454 50

The Department is well organized and disciplined, and performing efficient and valuable service. Information in regard to organization, armament, auxiliary forces, etc., can be obtained by referring to the report of Chief Speers.

## FIRE DEPARTMENT.

The total Expenses of the Department during 8½ months am't. to \$27,989 88

These expenditures include the following improvements and new equipments:—

Purchase of lot corner 5th and Bluff St.....	\$2,850 00
Erection of new Engine House thereon.....	2,255 00
Erection of new Engine House on City lot cor. Troost Ave. and 11th St.....	1,211 97
Repairing Engine House No. 1 .....	99 35
Purchase of new fire hose.....	2,900 00
Purchase of 2 new hose-carriages.....	1,400 00
Purchase of horses for new trucks.....	325 00
Total.....	\$11,041 32
Current Expenses.....	16,948 56
Total expended .....	\$27,989 88
Total number of men on the force, including the Chief.....	22
Chief Hale reports fire runs.....	86
Total losses by fire.....	\$ 89,770 00
Total Insurance involved.....	221,100 00
Also a list of equipments.	

The thorough efficiency of the Department stands unchallenged, and when the new Engine Houses are fully manned and equipped, will be, it is believed, equal to any emergency

## HOSPITAL AND BOARD OF HEALTH.

Total Expenses during 8½ months.....\$9,964 24

The able and instructive report of Dr. Fee, City Physician and Sanitary Superintendent, to his Honor, Mayor Bullene, President of the Board, recently printed and submitted to the Honorable Council, conveys all needful information in regard to the Department, together with important statistics and suggestions for improving the sanitary condition of the City that deserve attention.

WORK-HOUSE.

Total Expenses during 8 $\frac{1}{3}$ months.....	\$8,520 11
Cash collected on Fines and paid City Treasurer.....	1,982 35

Superintendent Moynihan's report exhibits a gratifying result, viz. :—

Value of labor performed by prisoners.....	\$13,094 00
Cash collected and paid City Treasurer.....	1,982 35

Total income.....	\$15,076	35
Expense of Department deducted.....	8,520	11

Balance in favor of the City.....	\$ 6,556 24
Number of prisoners received.....	{ Males, 855
	{ Females, 138
Total.....	993

GAS DEPARTMENT.

Paid for lighting the City 8½ months.....	\$10,995 84
Total number of Street Lamps, as per bill, Dec. 31, 1882.....	685

Additional lamps have been ordered, which will largely increase the gas bills of 1883.

PRINTING AND STATIONERY.

Total expended in 8½ months.....\$1,631 64

The expenses of this department include all account and record books, all printed blanks, and all stationery for all departments and offices of the City; all legal publications for condemnations and contracts; all petitions of and notices to

property-owners; publishing delinquent tax lists, Council proceedings, etc.

## CHARITY.

Dispensed by His Honor, Mayor Bullene, 8½ months.....\$2,100 00

## WATER-WORKS—FIRE HYDRANTS, AND ANNUAL RENT THEREFOR.

244	Hydrants inside first 18 miles of Mains.....	\$33,000 00
44	“ outside first 18 miles of Mains, at \$80.....	3,520 00
88	“ “ “ “ “ “ “ “ \$40.....	3,520 00
376	Total Annual Rent, December 31, 1882.....	\$40,040 00

Additional Hydrants have been authorized by ordinance, and the rent will be higher in 1883.

## EXPENSE DEPARTMENT.

Total expended in 8½ months.....\$10,240 28

These expenditures embrace many items, in part as follows:—

Payments on old judgments.....	\$2,990 85
Court costs.....	1,417 40

Also repairs of City Hall and Market House; purchase of stoves, furniture, and coal; rent, scavenger duty, gas-fitting, care of Cemetery Park, damage payments, right of way, making land-tax lists, postal cards and stamps, ice, killing dogs; costs of Engineer Knight and Alderman S. M. Ford, examining water rates at Memphis, Louisville, etc.; surveying instruments, etc.

## STREET AND ALLEY FUND—APPORTIONMENTS.

To Street Commissioner's Department from Revenue of 1882.....	\$25,864 75
To Engineer's Department from Revenue of 1882.....	\$62,500 00
From Revenue of 1881, cash held in Treasury to complete unfinished Contract work and Condemnations of 1881.....	14,091 85
Total Engineer's Department.....	76,591 85
Total Apportioned Street and Alley fund.....	\$102,456 60

## STREET COMMISSIONER.

Total expended in 8½ months..... \$ 18,779 25

Commissioner Levy's report, condensed, shows the following special work and the cost thereof:—

497 feet of stone street crossings constructed.....	\$ 641 15
12,741 feet of Oak street crossings constructed.....	6,370 50
188 street crossings repaired.....	1,010 30
Culvert constructed on Lincoln St.....	146 57
Grading Lincoln St.....	892 65
Grading City Lot for Fire Department .....	111 37
Sewers and Catch-basins repaired.....	793 35
12th St. Steps repaired.....	75 50
Man-holes construct'd and Sidew'lks repair'd on Holmes & 2d Sts	106 00
Sidewalks and curbing repaired on Bluff St.....	231 50
Bridge built on Tracy Ave.....	85 71
Public Cisterns repaired.....	91 45
19th St. graded to Fair Grounds. ....	250 00
Sprinkling Bluff St. and Public Square.....	401 95
Draining Ponds .....	91 50
Sidewalks repaired for special tax-bills to City.....	400 28
Wooden Bridges repaired.....	623 25

Total paid for Special Work..... \$12,323 03

Paid for men, teams, tools, and materials in repairing and  
cleaning Streets and Alleys ..... 6,456 22

Total expended..... \$18,779 25

The Department is well managed, and conducted with a view to continuous work during the year. Should the *fund* be sooner exhausted, work would necessarily cease, the creation of debts being prohibited by the Charter.

## ENGINEER'S DEPARTMENT.

Expended during past 8½ months.....\$54,032 44

The following are the principal items:—

Bluff Street Wall.....	\$18,967 41
Iron Bridge over Turkey Creek. ....	4,000 00
On Bluff Street Bridge.....	5,813 50
On Public Sewers.....	6,134 31
Right of way for Public Sewer.....	400 00
Mary Cowen, damages to house.....	100 00
Paving 5th St. opposite Public Square.....	2,696 67
Extra paving on 5th and 6th Sts.....	148 45
Constructing and repairing Catch-basins and Man-holes.....	2,286 91
“ Culverts.....	2,468 40
“ Bridge on Charlotte St .....	496 28
Curbing and Guttering opposite Pub. Sq. and Cemetery Park.....	654 15
Costs for Abstracts and Juries in Condemnations.....	1,006 50

\$45,132 58

Salaries of Assistants and Sundry Items..... 8,899 86

Total .....\$54,032 44

The public work completed and in progress under the supervision of this Department during the past 8½ months of this fiscal year is much more extensive than in any former year; and I desire to call special attention to the very comprehensive report of the City Engineer (which covers the entire calendar year 1882) in reference thereto, to the tables and history therein of all former public improvements paid for by the City and by the citizens on special bills, etc.; also, to his reports as Water Commissioner and Superintendent of Buildings.

These reports contain information and suggestions that merit consideration by your honorable body, on questions of importance to the City, and of interest to every tax-paying citizen.

The following figures are copied from the reports :

Cost of Public Work completed in 1882.....	\$285,870 80
“ “ “ nearly completed in 1882....	65,130 00
<b>Total.</b> .....	<b>\$351,000 80</b>
Total length of Streets in the City.....	.93 miles
“ “ “ macadamized.....	.14 <sup>8</sup> / <sub>10</sub> miles
“ “ “ and Alleys paved and in progress.....	.3 miles
“ “ Public Sewers.....	2 <sup>4</sup> / <sub>10</sub> miles
“ “ District Sewers.....	.12 miles
“ “ Water-pipes laid.....	40 <sup>1</sup> / <sub>2</sub> miles
“ “ Gas-pipes laid.....	27 <sup>1</sup> / <sub>4</sub> miles
“ number of Fire Hydrants.....	376
“ “ Street Lamps.....	685

#### BUILDING PERMITS ISSUED IN 1882.

For Brick buildings.....	675
“ Wood “ .....	389
<b>Total</b> .....	<b>1,064</b>
Total estimated cost of above buildings.....	\$2,001,083 00

The past year marks an era of progress in public improvements, especially in sewer construction and *street paving*, which should continue until street-cleaning is made practicable at reasonable cost, such result being impossible until street-paving is largely extended.

Your attention is most respectfully directed to the urgent necessity for a more rigid enforcement of the laws in regard to defective sidewalks, which cause much trouble and litigation. A suit against the City, on this account, for \$10,000, was recently tried at Independence, and the plaintiff finally



defeated by your able City Counselor, D. S. Twitchell, who is ever prompt and vigilant in guarding the interests of the City. The law requires every property-owner to keep his sidewalks in good order; and it should be enforced to guard, as much as possible, against causes of action. The numerous suits and claims, on account of changes in established grades, are also a constant menace to the Treasury, and direct, unequivocal notice to the City that great caution is necessary, and should be observed, in regard to changes injurious to valuable improvements, and therefore likely to result in expensive litigation, and possibly, heavy damages payable by the general public, while the benefit, if any, may be confined to a small area, and entirely local in its character.

Great credit is due the collecting and accounting officers for the efficient manner in which the revenue has been collected, and to department officers for good management and confining expenditures within the limit of apportionments and appropriations; and I take this occasion to thank them for prompt and cheerful coöperation in all our business relations.

With assurances of gratitude to His Honor Mayor Bul-  
lene, and to your honorable body, for confidence and friendly  
support, which have rendered my duties altogether pleasant  
and agreeable, I am

Respectfully,

NATHL. GRANT,  
*Comptroller.*

## CASH BALANCES ON HAND.

*June 30, 1882.*

Bond and Interest Fund.....	\$80,850 59
Funded Debt "A".....	7,535 72
Funded Debt "B".....	11,928 35
Delinquent Tax Fund.....	650 07
Condemnation Fund.....	5,873 97
General Fund.....	186,645 14
<hr/>	
Total.....	\$293,483 84
Sinking Fund (amount overdrawn)..<	9,441 36
<hr/>	
Actual Cash Balance in Treasury.....	284,042 48

# GENERAL SUMMARY.

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## Cash and Warrant Accounts and City Debt Statement.

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### CASH ACCOUNT.

#### BOND AND INTEREST FUND.

1882.		
June 30.	Cash on hand.....	\$80,850 59
Dec. 30.	Collections.....	28,050 46
	Total.....	—————\$108,901 05
Dec. 30.	<i>Disbursements—</i>	
	Paid Miscellaneous Bond.. .....	\$105 00
	Judgment of Mary Cassidy vs.	
	City for Lost Bond No. 454, 1,000 00	
	Total Bonds .....	————— \$1,105 00
	Paid Coupons .....	\$24,963 50
	Paid Interest on Lost Bond,	
	Judgment of Mary Cassidy	
	vs. City .....	846 15
	Total Coupons and Interest.....	————— \$25,809 65
	Total Paid, Bond and Interest.....	————— 26,914 65
	Balance on hand.....	—————\$81,986 40

#### FUNDED DEBT "A."

June 30.	Cash on hand.....	\$7,535 72
Dec. 30.	Collections.....	2,174 79
	Balance on hand.....	————— \$9,710 51



## FUNDED DEBT "B."

June 30.	Cash on hand.....	\$11,928 35	
Dec. 30.	Collections.....	4,955 57	
	Total.....	—————	\$16,883 92
Dec. 30.	<i>Disbursements</i> —		
	Paid Coupons.....	9,960 00	
	Balance on hand ....	—————	\$6,923 92

## SINKING FUND.

June 30.	Amount overdrawn.....	\$ 9,441 36	
Dec. 30.	Collections.....	17,378 42	
	Balance on hand .....	—————	\$7,937 06

## DELINQUENT TAX FUND.

June 30.	Cash on hand .....	\$ 650 07	
Dec. 30.	Collections.....	2,925 15	
	Total .....	—————	\$3,575 22
Dec. 30.	<i>Disbursements</i> —		
	Paid City Currency in excess of amount registered as out- standing.....	\$ 624 00	
	Paid Warrant No. 2,236, is- sued April 16, 1869.....	8 40	
	Paid Refunding City Taxes, twice paid .....	91 66	
	Paid on Judgment, Broadwell vs. City.....	1,800 00	\$2,524 06
	Balance on hand .....	—————	1,051 16

## CONDEMNATION FUND.

June 30.	Cash on hand.....	\$ 5,873 97	
Dec. 30.	Collections .....	10,970 80	
	Total .....	—————	\$16,844 77
Dec. 30.	<i>Disbursements</i> —		
	Paid Warrants.....	6,149 60	
	Balance on hand .....	—————	\$10,695 17

## GENERAL FUND.

June 30.	Cash on hand.....	\$	186,645	14
Dec. 30.	<i>Collections—</i>			
	Miscellaneous Licenses.....		46,901	22
	Market Master .....		4,772	90
	Chief of Police.....		10,584	65
	Superintendent of Work-house.....		1,735	25
	Dog Tax.....		153	00
	Land Tax, 1882 .....		48,594	89
	Personal Property Tax, 1882.....		13,335	50
	Merchants' License Tax, 1882.....		6,211	50
	Delinquent Land Tax, 1875.....		52	93
	“ “ 1876.....		32	78
	“ “ 1877.....		27	72
	“ “ 1878.....		99	01
	“ “ 1879.....		86	40
	“ “ 1880.....		83	77
	“ “ 1881.....		176	79
	Personal Property Tax, 1881.....		233	00
	Railroad Tax, 1882.....		665	07
	Public Pound .....		34	85
	Chief of Fire Department for filling cisterns.....		14	00
	City Physician, Dr. John Fee, from Jackson County for Hospital services.....		75	00
	Special Tax-Bills.....		92	43
	Quitclaim Deed.....		9	60
	Judgments.....		1,963	10
	Boiler Inspector.....		160	00
	Publication fees by City Counselor, D. S. Twitchell.....		\$157	30
	Total.....		\$322,897	80
Dec. 30.	<i>Disbursements—</i>			
	Warrants Paid and Cancelled.....		168,639	00
	Balance on hand.....			\$154,258 80
	Actual Cash Balance in Treasury....			\$272,563 02
	Deduct Warrants outstanding, await- ing claimants (General Fund)...			32,088 38
	Available Cash Balance in Treasury,			\$240,474 64

## RECAPITULATION OF CASH ACCOUNT.

July 1.	Cash on hand.....	\$284,042 48
Dec. 31.	<i>Collections—</i>	
	Bond and Interest Fund.....	\$ 28,050 46
	Funded Debt "A".....	2,174 79
	"    "    "B".....	4,955 57
	Sinking Fund.....	17,378 42
	Delinquent Tax Fund.....	2,925 15
	Condemnation Fund.....	10,970 80
	General Fund.....	136,252 66
	Total Receipts, six months.....	202,707 85
	Total to be accounted for.....	\$486,750 33

## RECAPITULATION OF CASH EXPENDITURES.

Dec. 31.	<i>Disbursed—</i>	
	From Bond and Interest Fund. ....	\$ 26,914 65
	"    Funded Debt "B".....	9,960 00
	"    Delinquent Tax Fund.....	2,524 06
	"    Condemnation Fund.....	6,149 60
	"    General Fund (see Warrant Act.)..	168,639 00
	Total accounted for.....	214,187 31
	Actual Cash Balance in Treasury.....	\$272,563 02
	Deduct Warrants outstanding .....	32,088 38
	Available Cash Balance in Treasury....	\$240,474 64

## RECAPITULATION OF CASH BALANCES.

December 31, 1882.

Bond and Interest Fund.....	\$ 81,986 40
Funded Debt "A".....	9,710 51
"    "    "B" .....	6,923 92
Sinking Fund.....	7,937 06
Delinquent Tax Fund.....	1,051 16
Condemnation Fund.....	10,695 17
General Fund.....	154,258 80
Actual Cash Balance in Treasury.....	\$272,563 02
Deduct Warrants outstanding (General Fund).....	32,088 38
Available Cash Balance in Treasury....	\$240,474 64

## WARRANT ACCOUNT.

June 30.	Warrants outstanding.....	\$ 47,570 82	
Dec. 30.	Warrants issued.....	153,164 96	
	Total.....	\$200,735 78	
Dec. 30.	Warrants paid and canceled (General Fund).....	\$168,639 00	
Dec. 30.	Old Warrant paid and canceled (Delinquent Tax Fund) ....	8 40	
	Total.....	\$168,647 40	
	Warrants outstanding and in the hands of Auditor awaiting claimants.....		\$32,088 38

## CITY DEBT STATEMENT.

## BONDS.

June 30.	Bonds outstanding.....	\$1,171,369 01
Dec. 30.	Bonds paid and canceled.....	1,105 00
	Bonds outstanding.....	<u>\$1,170,264 01</u>

## STATEMENT "A."

## GENERAL FUND.

DETAILED STATEMENT OF DEPARTMENT EXPENDITURES DURING THE SIX  
MONTHS ENDING DECEMBER 31, 1882.

## OFFICERS AND EMPLOYES DEPARTMENT.

Salaries as per regular monthly pay-rolls.....	\$14,405 06
Pay of Aldermen . . . . .	1,348 00
Pay of Sergeant-at-Arms.....	66 00
Pay of Water Commissioner .....	25 00
Pay of Boiler Inspector.....	100 00
Pay of Supervisor of Registration.....	50 00
Total.....	<u>\$15,994 06</u>

## POLICE DEPARTMENT.

Salaries as per regular monthly pay-rolls.....	\$23,066 35
Pay of Police Commissioners.....	600 00
Pay of Special Police at Fair Grounds.....	138 00
Pension to Mary Hynes.....	405 00
Pension to Mary Jones.....	405 00
G. G. Sass, meals for prisoners.....	266 28
Cecil Bros., hay, corn, and oats.....	86 56
C. F. Bauer, hay, corn, and oats.....	26 75
Jno. Owens, horseshoeing.....	11 25
Jno. Owens, repairing Calaboose door.....	1 50
Conway & Talle, horseshoeing.....	1 00
Geo. B. Prentice, doctoring horses.....	1 50
Corkins & Coleman, doctoring horses.....	10 00
Ford & Arnold, oil and disinfectants.....	13 10
Seigfried Bros., repairing harness, whip-socket, sponge, etc.....	6 05
W. H. Brundage, new axle arm, Police wagon.....	5 00

W. H. Brundage, iron for stretcher.....	2 00
Young & Bradley, putting new center in axle.....	3 50
Oliver & Dalren, labor on stretcher.....	2 50
Wardell & Co., saddle for Mounted Police.....	4 00
Gardner & Co., hardware.....	8 76
Gardner & Co., jail lock hasps, etc.....	1 00
Richards & Conover, bumpers for Police wagon.....	1 70
Wm. Johnson, cleaning W. Kansas Police Station.....	10 50
Marshall Brown, cleaning W. Kansas Police Station..	14 00
Hauling prisoners.....	1 00
Total.....	\$25,092 25

## FIRE DEPARTMENT.

Salaries as per regular monthly pay-rolls.....	\$ 9,919 50
C. D. Daggett, rent of engine-house.....	150 00
Thos. H. Swope " " " .....	482 00
Para Rubber Co., fire hose.....	2,900 00
Fire Extinguisher Mfg. Co., two hose carriages.....	1,400 00
S. M. Kennedy, two horses for Hook & Ladder Truck	250 00
Henry Tobner, balance on horse.....	75 00
Labor on masonry and wood-work in building new engine-houses .....	653 45
Martin Williams, 639 yards plastering for same.....	102 24
Murphy & Ryan, rock for foundations.....	133 77
Mary Hanarhan, " " " .....	16 00
Kansas City Frear Stone Pipe Co., 51 ft. of 6-in. pipe	8 00
Richards & Conover, tin roofing and hardware.....	55 53
A. A. Simmons " " " .....	37 52
Gardner & Co., hardware, nails, etc.....	121 18
G. W. Lovejoy, assorted lumber.....	86 53
Anderson & Connelly " .....	1,209 26
Leach & Olmstead " ..	43 27
Musserman & Co., stone-work new engine-house.....	68 80
C. W. Fairman, hardware, nails, etc.....	1 70
Jno. A. McDonald & Co., paints, glass, etc.....	164 10
Keystone Iron Works, repairing, equipments and waste	41 04
Jas. Clark, snaps and castings.....	10 28
H. M. Lee & Bro., Oak lumber.....	81 07
Miller & Dorr, repairing hose reels. ....	22 55
A. Christopher " " " .....	38 80
Kupferle Bros., 48 brass rings for couplings.....	7 68
Jno. Hoagland, repairing door.....	2 55
Wm. Weston, lime.....	13 75
Wm. F. Crabtree, brooms.....	3 00
E. J. Stroud " .....	4 50
Campbell Bros., buckets, soap, etc.....	70

Abernathy, North & Orrison, two mattresses.....	4 75
V. K. Simmons, one " .....	2 50
Bullene, Moores & Emery, crape.....	1 25
F. H. Kumpf, insurance.....	12 50
M. W. Bailey, doctoring horse.....	5 00
Dr. Corkins " " .....	5 00
A. Witte & Co., repairing nozzle and hose couplings...	11 13
D. Austin, 13½ feet of pipe.....	1 95
M. M. Chester, lumber.....	16 74
H. Nevins, horseshoeing and repairing.....	62 90
Ferris & Shine, " " " .....	3 50
Gray & Cole, " " " .....	14 00
F. M. Williams, hay, corn and oats.....	73 19
A. Swain & Co, " " " " .....	215 11
Nelson & Lee, " " " " .....	62 67
Buns & Daniels, " " " " .....	3 11
J. W. & W. Long, " " " " .....	3 62
Gus. O. L. Sauer, barrel of salt.....	1 85
Grimes' Wagon Mfg. Co., pair hames, etc.....	8 25
Jas. Ely, repairing fire equipments.....	9 75
Ford & Arnold, soap, oils, etc.....	38 73
Seigfried Bros., repairing harness, etc.....	49 25
T. M. James & Sons, lantern globe.....	1 50
Jno. Taylor, blankets.....	3 00
Chas. R. Field, plastering engine-house No 1. ....	29 10
S. D. Rounds, brick work of engine house cor. 5th and Bluff.....	1,115 17
A. K. Sweet, cornice for engine house cor. 5th and Bluff	90 00
J. Smith, 38 sheets tin and solder for engine house cor. 5th and Bluff.....	5 92
O. B. Gunn, lot for engine house cor. 5th and Bluff..	2,850 00
N. Miller, Jr., coal.....	94 85
P. J. Horan, one double bedstead.....	3 00
Jno. Tabor, comfort, etc.....	1 98
Geo. S. Pease, cleaning cess-pool engine house No. 3..	20 00
Geo. C. Hale, hay, corn and oats, as per vouchers.....	274 64
	<hr/>
	\$23,199 68
Amount paid by O. B. Gunn on partition wall .....	50 00
	<hr/>
Total.....	\$23,149 68



## HOSPITAL AND BOARD OF HEALTH DEPARTMENT

Salaries, as per regular monthly pay rolls.....	\$ 2,110 00
J. T. Welden, burying paupers.....	160 35
Eugene Carlat, " ".....	5 40
Adolph Lahme, drugs.....	443 66
J. W. Robinson, groceries.....	487 66
Meyer & Vering, " ".....	179 83
G. W. Wadsworth, " ".....	31 78
M. C. Jno. Meyer, meat.....	204 54
S. B. Ragan, milk and butter.....	100 30
G. B. Litchenberg, tools used in testing milk.....	3 50
Gardner & Co., hardware, tools, etc.....	12 40
C. W. Fairman, tinware and repairing.....	48 65
Abernathy, North & Orrison, wash-stand and chairs...	19 40
Bullene, Moores & Emery, blankets and dry goods...	87 70
Summerwell & Wheeler, straw and bran.....	9 50
Smith & Creswell, " ".....	2 40
Nick Miller, jr., coal.....	66 40
E. T. Slaughter, repairing and setting up stove.....	3 60
Jno. A. McDonald & Co., paints and window glass....	6 74
W. E. Winner, insurance.....	10 00
H. C. Kumpf & Son, " ".....	10 00
R. W. Martyn, repairing and kalsomining.....	22 00
Mitchell & Wells, building water-closets.....	14 70
C. C. Whitmeyer, carpenter work.....	5 50
G. W. Lovejoy, " ".....	1 15
Anderson & Connelly, lumber.....	25 95
McClelland, Stumpf & Co., brick.....	24 10
E. R. Warner, building and cementing vault.....	14 00
Kansas City Wire & Iron Works, screen doors and windows.....	15 00
A. M. Eames, queensware.....	3 50
F. M. Whitelaw, " ".....	6 00
Cash Stove Store, cooking utensils.....	2 25
Young & Co., " ".....	2 50
Jas. H. Schultz, extra nursing.....	10 00
Sundry persons, transportation of patients.....	30 40
Albert Schrumpf, keeping horse.....	54 33
Journal Co., advertising bids.....	2 00
Eccles & Co., printing and binding Board of Health Record.....	20 75
Rent of Health Office and fuel, April 1st to Dec. 31st.	153 00
Total Hospital.....	\$ 4,410 94



## PEST-HOUSE.

Salaries, as per regular monthly pay-rolls.....	\$ 370 53
J. J. McClane, services, wood, milk, and boarding patients.....	274 00
J. T. McClane, steward.....	60 00
Adolph Lahme, drugs.....	81 48
Meyer & Vering, groceries.....	123 85
J. W. Robinson, ".....	2 15
Geo. Foerschler, meat.....	89 74
J. T. Welden, burying paupers.....	35 50
C. F. Welland, brick for chimneys.....	12 60
Alonzo Ames, sand.....	4 50
Dulin & Coates, tent.....	20 00
Jno. A. McDonald & Co., paints and window glass.....	5 77
Wm. Weston, lime .....	5 35
Total Pest-House.....	\$ 1,085 47
Total Hospital and Pest-House.....	\$ 5,496 41

## WORK-HOUSE.

Salaries as per regular monthly pay-rolls.....	\$2,940 98
J. T. Hovelman, groceries .....	596 16
Jno W. Robinson, " .....	212 57
M. C. Jno. Meyer, meat .....	390 10
Slavens & Oburn, " .....	98 36
Jacob Dold & Son, " .....	198 82
Moore & Rayburn, hay, corn, oats, bran, etc.....	220 55
Jas. A. Russell, " " " " " .....	20 43
Anderson & Connelly, lumber.....	258 30
Richards & Conover, hardware, tools, etc.....	219 31
T. C. Bullene, blankets, shoes and clothing.....	141 40
N. Miller, Jr., coal .....	81 10
Gray & Cole, horseshoeing.....	23 90
Swanson & Co., blacksmithing and repairing .....	15 60
C. H. Rebenscheid, rivets, repairing wagon and shackles .....	74 85
T. Connelly, grates and door-bars.....	18 15
Jno. Shea, twelve cords wood.....	66 00
" hay.....	8 00
Henry Tobner, one horse .....	100 00
Jas. Redheffer, kitchen and tableware.....	51 40
" stove and pipe. ....	39 00
" 6 iron buckets and repairing.....	10 20
Jno. A. McDonald & Co., paints and glass.....	20 45
M. McManany, three lamps.....	6 00
Ford & Arnold, drugs.....	14 83
Seigfreid Bros., repairing harness.....	29 80
B. Schradski, dry goods and shoes.....	11 00

Jas. Ely, repairing tools.....	1 25
Wm. Weston, lime. ....	1 35
Jno. Moynihan, as per vouchers,	
hay, corn, and oats.....	80 58
carpenter-work .....	24 00
lime and sand.....	4 20
shoes.....	1 00
Total.....	\$5,979 64

## GAS DEPARTMENT.

Paid for street lamps .....	\$7,320 01
{ City Hall .....	241 60
{ Market House.....	113 40
{ Engine House No. 1. ....	50 20
Meters. {       "       "       " 2.....	35 00
{       "       "       " 3.....	65 40
{       "       "       " 4.....	32 00
{ City Engineer's Office.....	2 80
Total.....	\$7,860 41

Number of street lamps in use December 31, 1882, 685.

## PRINTING AND STATIONERY DEPARTMENT.

## CONDEMNATION PUBLICATION.

Open alley from lot 118 Hurk's Subdivision South.....	\$ 52 40
Open alley from S. line 9th St. to N. line 10th St., between H. and C.....	69 12
Open and extend. Wyoming Street.....	37 73
Open and extend. alley 13th to 17th Street, between McGee and Oak Streets .....	37 73
Open and extend. Lydia Avenue 12th to 18th St.....	95 78
Open and extend. 14th St., McGee's Add. to Campbell Street.....	54 48
Widening 19th St. from Main St. to alley west.....	88 26
Total .....	\$ 435 50

## BOOKS FOR THE SEVERAL CITY DEPARTMENTS.

Real Estate Assessment Books.....	} \$ 98 25
Personal Tax Book.....	
Notices of City Assessor.....	
Delinquent Personal Tax Receipt Book (City Treas.)	36 00
" Land Tax Receipt Book.....( " " )	24 00
" Personal Tax Book.....(City Audt.)	8 00
Sales Record.....( " " )	28 00
License Registers with Index.....( " " )	33 75
Plat Book.....(City Engr.)	24 50
Contract Book.....( " " )	53 75
Rebinding Books.....(City Treas.)	4 50

Total..... \$310 75

Publishing notices to property-owners.....	\$ 482 30
“ “ “ contractors .....	643 90
“ Petitions of property-owners.....	250 87
“ City ordinances .....	48 24
“ Council proceedings & Mayor's proclamat's	99 79
“ Notices of Public Impounder.....	21 87
“ Special notices in <i>K. C. Journal</i> .....	52 00
“ “ “ “ <i>K. C. Times</i> .....	13 00
“ “ “ by City Assessor.....	29 76
Total.....	<hr/> \$1,641 73

Printing Officers' reports (pamphlet form). ....	76 00
“ Special tax bills.....	27 00
“ Blanks for several City departments.....	305 05
“ Police regulations (pamphlet form) .....	27 00
“ 1,000 stamped checks Police department....	11 00
“ 500 certificates for Boiler Inspector....	13 75
Box files for City Clerk's office.....	12 00
Stationery for several City departments.....	239 72
Total.....	<hr/> \$ 711 52

## PRINTING BRIEFS.

City vs. Hannibal & St. Jo. R. R. ....	9 00
“ “ B. Corrigan (record form).....	33 00
Haire “ City .....	7 50
Halpin “ “ .....	5 00
Total.....	<hr/> \$ 54 50

## PRINTING ABSTRACTS.

City vs. Hannibal & St. Jo. R. R.....	12 00
Haire “ City.....	26 25
Halpin “ City.....	13 00
Total.....	<hr/> \$ 51 25
Grand Total Printing and Stationery.....	<hr/> \$ 3,205 25

## CHARITY DEPARTMENT.

Amount dispensed by the Mayor.....	\$ 1,500 00
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## EXPENSE DEPARTMENT.

## GENERAL REPAIRS OF CITY HALL AND MARKET HOUSE.—STOVES, FURNITURE, TOOLS, AND INSTRUMENTS FOR CITY OFFICES.

Dougherty & Everett, repairing gas fixtures.....	\$ 6 30
Brooke & Son, setting glass, painting and varnishing Council Chamber.....	24 50
Jas. Redheffer, iron pipe, elbows, and caps for outside flues.....	80 90
Jas. Redheffer, 1 reflector.....	1 00
“ repairing gutters.....	6 25
H. Edwards, cleaning chimneys.....	4 50
W. B. Everhart, repairing and material .....	56 83
W. H. Nye, “ “ “ .....	8 50
“ pigeon-cases for Council Chamber .....	20 00
Gardner & Co., hardware, etc.....	6 40
H. H. Sheppard, paper-hanging, Council Chamber....	68 85
Frank Smith, kalsomining vault.....	2 00
McClelland, Stumpf & Co., paving brick, court-yard..	10 60
R. B. Farley, repairing gas-fixtures.....	1 60
“ “ hydrant, etc.....	10 65
David Downing, carpenter work and material.....	7 95
D. Rogers, whitewashing ceiling.....	3 50
Wm. Weston, lime.....	5 90
Buff & Bergen, one Wey level, complete.....	149 10
Abernathy, North & Orrison, table, casters, etc.....	17 00
H. B. Davis, large case, complete.....	22 50
“ drafting-board .....	2 75
One patent stamp.....	6 00
O'Flaherty & Hottleman, atlas for City Counselor....	15 00
C. W. Fairman, repairing, blacking, and putting up old stoves.....	42 25
C. W. Fairman, stoves and pipes.....	69 45
H. Weiss & Co., “ “ “ .....	48 85
H. V. Graff & Co, window awning and canvas.....	7 35
Kansas City Frear Stone Pipe Mfg. Co., smoke-stack, West Kansas Police Station.....	2 80
Kevil & Waples, furniture. ....	14 90
Boxes for Auditor's Office.. ....	1 00
Jno. A. McDonald & Co., whitewash brush .....	60 -
Hornbrook Bros., repairing water-pipes.....	8 75

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Total..... \$ 734 53

## MISCELLANEOUS.

T. M. James & Sons, office rent .....	\$355 00
P. M. Chouteau and others, making 5 copies delinquent land-tax list. ....	236 25
John Donnelly, transferring delinquent taxes in Payne's Addition, years 1879-'80-'81.....	20 00
Charles D. Lucas, recording deeds.....	9 00
Brooke & Son, painting and lettering 60 huckster's license Nos.....	30 00
Brooke & Son, painting 270 license Nos.....	28 70
Jas. H. McGee, deed for property to widen streets...	100 00
Wm. B. Knight, City Engineer, trip to Louisville, St. Louis, Memphis, and Quincy, to examine water rates .....	103 80
S. M. Ford, trip to Louisville, St. Louis, Memphis and Quincy, to examine water rates.....	80 00
Wm. B. Knight, City Engineer, trip to Ohio to inspect material for Bluff street bridge .....	42 75
Mrs. M. A. March, tax refunded.....	50 83
E. F. Harrington, damages.....	10 00
Geo. R. Barse, repaid money advanced by him to pay expenses in condemnation of alley, block 52, Turner & Co.'s Addition.....	50 00
Costs paid in condemnation of Dripps street .....	8 18
“ “ “ “ Eighth “ .....	3 20
Geo. H. English, tax refunded .....	2 80
Charles Grant, City Scavenger.....	350 00
N. Miller, Jr., coal.....	76 90
M. Flynn, matches and soap.....	2 25
Jas. Gaynon, special tax bill grading Holmes street....	40 80
W. B. Twitchell, transcribing Circuit Court Docket...	43 75
John H. Ferguson, services in Treasurer's office.....	4 50
Phelan Ice Co., ice for City Hall and Engineer's Office .....	110 86
A. J. Fisher, sprinkling streets Fair week .....	15 00
Meyer Bros., sponges .....	2 15
W. F. Crabtree, brooms.....	6 00
Public Impounder, killing dogs.....	116 50
B. D. West and A. E. Thomas, night work, making up sales-book for 1882.....	103 00
Bower & Johnson, photographing sidewalk for evidence in damage suit.....	4 00
Postal cards and stamps for several City departments	122 20
Bullene, Moores & Emery, material for hackmen's badges.....	2 00

Keystone Iron Works Company, for Boiler Inspector—	
One No. 3 pump, test gauge.....	28 00
One test pump.....	35 00
One N. P. hand jack.....	5 00
J. M. Fox, work on personal tax book.....	3 75
Brooke & Son, painting rods.....	5 00
A. Witte, repairing instruments.....	2 25
H. R. Seeger, adjusting instrument.....	7 50
Bullene, Moores & Emery, 2 shades.....	3 20
H. B. Davis, stand for instruments.....	5 50
Wm. E. Thorne, triangular scale.....	2 00
W. & L. E. Gurley, plumbobs.....	2 00
Sundry small items.....	5 90
Total.....	————— \$2,235 52

## LAW DEPARTMENT.

## CIRCUIT COURT—WALLACE LAWS, CLERK.

Making transcript, J. M. Hedges vs. City.....	\$ 37 10
“ “ Mary A. Blumb “ “.....	59 30
“ “ Wm. Nichols “ “.....	44 50
Costs, Jas. P. Turner “ “.....	6 90
“ Jas. T. Holmes “ “.....	79 45
“ City vs. Mary A. Malone.....	9 15
“ “ David Fleming.....	2 00
“ “ B. J. Franklin.....	2 00
“ “ Sanford Dillman.....	2 00
“ “ P. M. Choteau.....	2 00
“ “ Chas. W. Whitehead.....	2 00
“ “ Silas F. Allen.....	2 00
“ “ Henry Frank.....	2 00
“ “ Frank Bush.....	2 00
“ “ Jas. T. Kelley.....	2 00
“ “ Mary Bouton.....	2 00
“ “ David Ross.....	2 00
“ “ P. H. Barnett.....	2 00
“ “ Herman Hucke.....	2 00
“ “ F. F. Dailey.....	2 00
“ “ J. M. Darrow.....	2 00
“ “ Jeremiah Enright.....	2 00
“ “ J. W. Batchelor.....	2 00
“ “ Wm. Fisher.....	3 00
“ “ A. T. White.....	3 00
“ “ M. L. Sullivan.....	3 00
“ “ S. D. Irwin.....	3 00
“ “ David Fleming.....	3 00
“ “ I. N. Irwin.....	3 00
“ “ A. H. Trego.....	3 00
Total.....	————— \$ 291 40



## CONDEMNATIONS.

Costs, condemnation 8th street.....	\$	101	65
“ “ Alley east Cottage Place .....		4	80
“ “ Highland Avenue.....		150	70
“ “ 7th street.....		86	40
“ “ Liberty street.....		92	20
“ “ 15th street.....		168	20
“ “ Guinotte Avenue.....		153	60
H. L. Wiltsee, extra services writing Condemnation Verdicts.....		80	00
F. A. Dart, transcribing docket in Condemnation Cases .....		52	50
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Total.....	\$	890	05

## CRIMINAL COURT—JNO. T. WILSON, CLERK.

Costs, City vs. Jas. McDaniels.....		4	25
“ “ “ Wm. H. Lambader.....		2	30
“ “ “ Henry Frank.....		8	25
“ “ “ Chas. T. Henderson.....		3	70
“ “ “ Isaac Hyre.....		15	20
“ “ “ Jno. S. Clune.....		4	40
“ “ “ Jno. McQueeney.....		6	70
“ “ “ Jno. Leary.....		24	15
“ “ “ Wm. Coyle.....		5	15
“ “ “ Jno. Keenan.....		8	25
“ “ “ Wm. Catter.....		13	90
“ “ “ Bernard Corrigan.....		39	70
<hr/>			
Total .....	\$	135	95

## JUDGMENTS.

D. Glassner vs. City (U. S. Court).....	\$500	00
Interest 6 per cent.....	44	90
<hr/>		
	544	90
Holmes vs. City (Circuit Court) .....	400	00
Paid L. R. Moore, Assignee on Judgment, Broadwell vs. City (Lafayette Court).....	2,045	95
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Total.. .....	2,990	85
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Total Expense Department.. .....	\$7,278	30

## ENGINEER'S DEPARTMENT.

### CONTRACT WORK.

Total.....	\$ 38,368 90
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## REPAIRING MAIN STREET PUBLIC SEWER.

Sundry persons for labor per pay-rolls.....	\$ 937 03
Jno. Shaw " " .....	8 15
Henry Nevins, blacksmithing.....	27 00
Samuel Rockwell, rubber boots.....	3 50
Girard Bros., 100 feet rope.....	7 15
Mensing Bros., sand.....	7 20
K. C. Bag Manufacturing Co., bagging.....	72
Conover Bros., piano box.....	2 00
K. C. Frear Stone Pipe Manufacturing Co., cement...	83 36
Anderson & Connelly, lumber.....	50 83
D. C. King, lumber.....	2 56
Total.....	\$ 1,129 50

## MISCELLANEOUS REPAIRS AND MATERIALS.

Leary & Lane, setting curbing cor. 5th and Main Sts..	\$ 8 81
Jno. Dehm " " 6th " Bank " ..	3 00
Thos. Kneaves, repairing Sidewalks.....	7 84
Hornbrook Bros., repairing City Fountains.....	12 30
Geo. Trinning, cutting grass Cemetery Park.....	16 00
Geo. W. Yeoman, repairing Bridge at McGee St. over O. K. creek... ..	10 75
Wm. A. Bovard, raising Bridge at McGee St. over O. K. Creek.....	15 00
Samuel Rockwell, shot for testing cement.....	1 10
S. K. Green, rubber boots, Main St. sewer.....	5 00
Chas. Behr " " " " " ..	10 50
Ford & Arnold, signal oil, etc., Main street sewer .....	15 90
Gardner & Co., hardware.....	3 05
Richards & Conover, hardware.....	58 17
Moore & Moss, castings for man-holes and covers.....	18 13
Doughtery & Everett, 60 feet 4-inch pipe.....	2 40
W. E. Thorne, India ink, etc.....	2 20
W. W. Findley " " " .....	3 20
T. M. James & Sons, three spittoons.....	3 75
W. B. Davis, case of pigeon holes.....	4 50
Sid. J. Hare, one leveling-rod.....	10 00
T. M. James & Sons, office rent.....	75 00
Mary Cowen, damage to house in grading W. 14th St	100 00

Total.....	\$ 386 60
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## CONDEMNATION EXPENSE.

*Norman & Robertson.*

Abstracts, opening 19th street.....	\$	78 50
"      "      Alley bet. 9th and 10th and Holmes and Charlotte streets.....		16 00
Abstracts, opening alley bet. 16th and 17th and McGee and Oak streets.....		5 50
Abstracts, opening alley bet. 12th and 13th and Holmes and Charlotte streets.....		18 00
Abstracts, extension 9th St. West Kansas....		77 50
"      "      " Lydia Avenue.....		113 50
"      "      Flora " .....		66 50
"      "      Grand " .....		25 00
"      "      Ind. " .....		175 00
"      "      14th street .....		69 00
<hr/>		
Total.....	\$	644 50

Jury, open. and extend. Central street.....	\$	30 00
"      "      "      "      Alley 16th to 17th bet. McGee and Oak streets.....		24 00
Jury, open. and extend. Wyoming St., 19th St. south..		18 00
"      "      "      "      Lydia Avenue.....		30 00
"      "      "      "      Alley 9th to 10th bet. Holmes and Charlotte streets.....		24 00
Jury, open. and extend. 14th street.....		12 00
"      "      "      "      19th " .....		36 00
"      "      "      "      Alley, lot 118 Hurck's Subdiv.		24 00
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Total.....		198 00

Paid deficiencies in settling 14th and 19th street Condemnations.....	\$	17 75
H. L. Wiltsee, night work copying Condemnation Verdicts .....		127 50
W. B. Twitchell, night work copying Condemnation Verdicts.....		18 75
<hr/>		
Total.....		164 00
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Total Engineer.....	\$	45,382 40

## STREET COMMISSIONER.

Pay-roll for men and teams.....	\$ 9,364 70
Wm. Doheny & Co., 250½ cubic yards macadam.....	250 20
P. Moran, stone flagging.....	21 45
Wm. Weston, cement.....	22 00
K. C. Frear Stone Pipe Mfg. Co., stone pipe and cement .....	22 00
B. Wasserman, constructing Culvert 2nd and Bluff St.	60 69
Jas. Dowling, curb-stone 5th and Bluff Streets.....	4 90
T. Green & Co., blasting powder.....	3 90
Johns & Stelph, hardware, nails, etc.....	223 15
Smith & Keating Imp. Co., 1 plow.....	12 00
Thos. Donnelly, sand.....	1 00
Jas. Burnes, removing tree Liberty and 12th Streets...	20 00
W. T. Little, Agt., grading on 19th St.....	250 00
H. Nevins, repairing tools...	17 55
Swanson & Co., " " .....	1 10
Total.....	<hr/> \$ 10,274 64

## LUMBER.

Anderson & Connelly, pine lumber.....	\$ 430 78
H. M. Lee & Bro., oak " .....	1,457 94
Atkinson & Rappell, " " .....	63 20
Total .....	<hr/> \$ 1,951 92
Total Street Commissioner.....	<hr/> \$ 12,226 56
Total Street and Alley Department.....	<hr/> \$ 57,608 96
Grand Total Department Expenditures during six months.....	<hr/> \$ 153,164 96

STATEMENT "B."

CONDITION OF THE FUND OF EACH DEPARTMENT, IN CONFORMITY WITH APPORTIONMENT  
OF GENERAL FUND FOR FISCAL YEAR 1882.

For 8½ months ending December 30, 1882.

DEPARTMENT.	Apportionment this Fiscal Year, including Unex- pended balance of appropriations made last Fiscal Year.	CASH PAYMENTS.	Unexpended Balance of Ap- propriations for Contract Work, Condemnations, etc.	TOTAL. PAID AND AP- PROPRIATED.	BALANCE OF APPORTION- MENT.	Amount neces- sary to pay au- thorized Salaries and incidental expenses balance of Fiscal Year and cover bal- ances.
Officers and Employees.....	\$ 37,400 00	\$ 22,587 97	.....	\$ 22,587 97	\$ 14,812 03	\$ 14,812 03
Police .....	50,185 00	35,038 82	.....	35,038 82	15,146 18	15,146 18
Fire .....	36,000 00	27,989 88	.....	27,989 88	8,010 12	8,010 12
Hospital and Board of Health.....	13,650 00	9,964 24	.....	9,964 24	3,685 76	3,685 76
Work-house.....	13,400 00	8,520 11	.....	8,520 11	4,879 89	4,879 89
Gas .....	17,500 00	10,995 84	.....	10,995 84	6,504 16	6,504 16
Printing and Stationery.....	8,000 00	4,031 64	.....	4,031 64	3,368 36	3,368 36
Charity. ....	3,000 00	2,100 00	.....	2,100 00	900 00	900 00
Water-works.....	40,000 00	18,560 00	.....	18,560 00	21,440 00	21,440 00
Expense.....	13,500 00	10,246 28	.....	10,246 28	3,253 72	3,253 72
Streets { Engineer.....	66,591 85	54,032 44	\$ 12,296 60	66,329 04	262 81	10,262 81
and Alleys { Street Commissioner.....	25,864 75	18,779 25	.....	18,779 25	7,085 50	7,085 50

## STATEMENT "C."

SPECIAL APPROPRIATIONS, STREET AND ALLEY  
DEPARTMENT.

## FOR CONDEMNATIONS.

No. of Ord.	FOR WHAT PURPOSE APPROPRIATED.	Amount	Amount	Balance
		Approp'd	Expended	Unexp'd
18736	Widen and open 16th St. Broad- way to Summit .....	\$ 64 50	.....	\$ 64 50
18845	Widen a part of Liberty St. 14th to 17th St. ....	67 40	.....	67 40
18859	Open and extend 15th St. Broad- way to Penn. ....	60 90	.....	60 90
19008	Locate and open Highland Ave. ...	41 50	.....	41 50
20425	Open and extend 7th St. Delaware to Wyandotte. ....	13 00	.....	13 00
20527	Widen and open 16th St. ....	9 00	.....	9 00
20626	Open and extend Alley between Genesee and Wyoming. ....	2 43	.....	2 43
20751	Open and extend Guinotte Ave. ...	52 00	.....	52 00
20765	Widen 7th St. Broadway to Bank. ..	26 34	.....	26 34
20767	Open and extend Maiden Lane. ....	31 96	.....	31 96
20768	Widen and open Grand Avenue from 20th St. south. ....	50 00	.....	50 00
20769	Open 23d St. Grand Avenue west- wardly .....	100 00	.....	100 00
20846	Widen part of 12th St., Main St. eastwardly. ....	12 40	.....	12 40
21003	Widen Dripps St. between 20th and 21st Sts. ....	66 50	.....	66 50
21005	Widen and open 17th St. Summit to Dripps. ....	29 70	.....	29 70
21039	Open and extend 6th St. Tracy to Woodland Avenue. ....	5 96	.....	5 96
21221	Widen Alley 10th to 11th, between Main and Delaware. ....	1 00	.....	1 00
21225	Widen part of Liberty St. ....	1 00	.....	1 00
21523	Widen Washington St. 16th to 17th Sts. ....	65 50	38 80	26 70
21524	Open and extend Lydia Avenue. ...	59 38	24 00	35 38
21527	Widen a part of Dripps St. ....	18 04	.....	18 04
21528	Widen part of 5th St. ....	50 14	24 00	26 14
21800	Open and extend Wyoming St. 19th St. south. ....	46 00	18 00	28 00
22108	Widen a part of Main St. ....	50 00	.....	50 00
22143	Open Alley 12th to 13th, between Holmes and Charlotte. ....	50 00	18 00	32 00
22157	Open and extend 14th St. McGee's Addition to Campbell. ....	51 00	23 50	27 50
22181	Open and extend 9th St. in West Kansas. ....	300 00	77 50	222 50
22205	Open and extend Grand from 20th south .....	50 00	25 00	25 0

## STATEMENT "C," CONTINUED.

No. of Ord.	FOR WHAT PURPOSE APPROPRIATED.	Amount	Amount	Balance
		Approp'ed	Expended	Unexp'd
22280	Open Alley lot 118, Hurck's Sub- division .....	\$ 51 00	\$ 44 00	\$ 7 00
22416	Widen Wyandotte St. 8th to 9th Sts.....	50 00	.....	50 00
	Widen a part of 18th St.....	200 00	.....	200 00
22469	Widen 19th St. from Main to Al- ley west. ....	201 00	114 50	86 50
22474	Open and extend Alley 16th to 17th bet. McGee and Oak.....	51 00	29 50	21 50
22480	Widening of Washington St.....	1 25	.....	1 25
22529	Open Alley 9th to 10th bet. Holmes and Charlotte.....	51 00	40 00	11 00
23417	Widen a part of Lydia Avenue....	50 00	.....	50 00
22664	Widen Alley bet. Oak and Locust 17th to 18th Sts. ....	1 00	.....	1 00
21852	Open and extend Central St.....	1 00	.....	1 00
23594	Open Alley, block 1, Rice's Addi- tion .....	100 00	.....	100 00
23595	Open Alley through blocks 4 and 5, Rice's Add. and blks. 4 and 5 Ranson & Hopkin's Add.....	100 00	.....	100 00
23596	Open and extend Charlotte St. bet. 13th and 17th Sts.....	150 00	.....	150 00
23598	Widen a part of Walnut St.....	150 00	.....	150 00
	Widen 17th St. Summit to Drapp..	100 00	.....	100 00
	Open and extend 16th St. Summit to Jarboe.....	200 00	.....	200 00
	Total Condemnations.....	\$2,832 90	\$476 80	\$2,356 10



STATEMENT "D."

TABULAR STATEMENT OF DEPARTMENT EXPENDITURES FOR SIX MONTHS, ENDING  
DECEMBER 30, 1882.

1882.	Officers and Employees	Police.	Fire.	Hospital and Brd of Health	Work House.	Gas.	Printing and Stationery	Charity.	Expense.	Streets and Alleys.	Totals.
July .....	\$2,400 84	\$4,394 50	\$5,116 54	\$1,205 42	\$1,001 77	\$1,247 60	\$584 20	\$250 00	\$760 49	\$ 7,202 47	\$24,163 83
August .....	2,400 85	4,021 27	2,455 55	909 42	1,105 73	1,283 47	641 69	250 00	304 25	11,697 57	25,069 80
September .....	3,026 84	4,246 84	3,521 72	700 52	953 58	1,307 73	367 58	250 00	253 90	10,810 64	25,469 35
October .....	2,450 84	4,345 03	2,570 60	877 79	922 03	1,313 55	760 28	250 00	1,092 70	13,127 28	27,710 10
November .....	2,525 85	4,054 17	5,966 37	887 07	1,072 82	1,309 80	521 63	250 00	2,882 81	5,857 82	25,328 34
December .....	3,188 84	4,030 44	3,518 90	916 19	923 71	1,398 26	329 87	250 00	1,984 15	8,883 18	25,423 54
Total .....	\$15,994 06	\$25,092 25	\$23,149 68	\$5,496 41	\$5,979 64	\$7,860 41	\$3,205 25	\$1,500 00	\$7,278 30	\$57,008 96	\$153,164 96



## CONTRACT WORK.

No. of Ord.	FOR WHAT PURPOSE APPROPRIATED.	Amount	Amount	Balance
		Approp'ed	Expended	Unexp'd
19922	Pave a part of 5th St. Broadway to Bluff .....	\$ 2,000 00	.....	\$2,000 00
22345	Extend Walnut St. Public Sewer	8,000 00	5,638 27	2,361 73
22483	Build Bluff St. Bridge at Bluff and railroad crossing.....	10,000 00	5,803 50	4,196 50
	Erect Drinking Fountain on Public Square.....	175 00	12 30	162 70
22972	Construct Culvert at McGee Spring Branch.....	850 00	600 93	249 07
23105	Repair Main St. Public Sewer...	2,000 00	1,129 50	870 50
23678	Construct Catch-basin at N. E. cor. of Jefferson and 11th Sts.	100 00	.....	100 00
		<u>\$23,125 00</u>	<u>\$13,184 50</u>	<u>\$9,940 50</u>

## RECAPITULATION.

Amount Unexpended	Condemnations.....	\$ 2,356 10
"	Contract Work.....	9,940 50
Total of Unexpended Appropriations.....		<u>\$12,296 60</u>

## STATEMENT "E."

COMPARATIVE STATEMENT OF MISCELLANEOUS  
CASH RECEIPTS DURING  $8\frac{1}{3}$  MONTHS OF  
FISCAL YEARS 1881 AND 1882, TO  
DECEMBER 30, EACH YEAR.

Miscellaneous Licenses, 1882.....	\$ 83,505 22
"            "            1881.....	53,062 38
Increase.....	\$ 30,442 84
Market Master, 1882.....	\$ 6,320 90
"            "            1881.....	5,972 95
Increase.....	\$ 347 95
Police Court, 1882.....	\$ 12,406 55
"            "            1881.....	9,569 60
Increase.....	\$ 2,836 95
Superintendent of Work-house, 1882.....	\$ 1,982 35
"            "            1881.....	1,593 06
Increase .....	\$ 389 29
Total Increase.....	\$ 34,017 03

## STATEMENT "F."

COMPARATIVE STATEMENT OF REBATES AND PEN-  
ALTIES ON TAX COLLECTIONS DURING  
 $8\frac{1}{3}$  MONTHS OF 1881 AND 1882, TO DE-  
CEMBER 30 EACH YEAR.

Rebate, 1882.....	\$ 16,724 17
Penalty, 1882.....	3,955 35
Rebate in excess of Penalty, 1882.....	\$ 12,768 82
Rebate, 1881.....	\$ 14,070 94
Penalty, 1881.....	2,685 78
Rebate in excess of Penalty, 1881 .....	\$ 11,385 16
Increase in Rebates over 1881.....	\$ 2,653 23
"            Penalty " 1881 .....	1,269 57
Increased loss to the revenue over 1881.....	\$ 1,383 66

## STATEMENT "G."

ASSESSMENT ROLLS AND TAX LEVY, 1876 TO 1882,  
INCLUSIVE.

## ASSESSMENT ROLL, 1876.

Real Estate .....	\$ 6,330,620 00
Personal Property .....	1,765,840 00
Merchant's Tax.....	826,730 00
<hr/>	
Total.....	\$ 8,923,190 00
Tax levy, 23 Mills.	

## ASSESSMENT ROLL, 1877.

Real Estate.....	\$ 6,450,020 00
Personal Property.....	1,846,217 00
Merchant's Tax.....	1,074,050 00
<hr/>	
Total.....	\$ 9,370,287 00
Tax levy, 22½ Mills.	

## ASSESSMENT ROLL, 1878.

Real Estate .....	\$ 6,637,340 00
Personal Property.....	1,475,290 00
Merchant's Tax .....	979,690 00
<hr/>	
Total.....	\$ 9,092,320 00
Tax levy, 26 Mills.	

## ASSESSMENT ROLL, 1879.

Real Estate.....	\$ 7,780,240 00
Personal Property.....	1,535,660 00
Merchants' Tax.....	1,290,760 00
<hr/>	
Total.....	\$10,606,660 00
Tax levy, 25 Mills.	

## ASSESSMENT ROLL, 1880.

Real Estate.....	\$ 9,389,560 00
Personal Property.....	2,354,580 00
Merchants' Tax.....	1,634,810 00
<hr/>	
Total.....	\$13,378,950 00
Tax levy, 22 Mills.	

## ASSESSMENT ROLL, 1881.

Real Estate.....	\$12,330,700 00
Personal Property.....	3,042,570 00
Merchants' Tax.....	1,935,480 00
<hr/>	
Total.....	\$17,308,750 00
Tax levy, 20 Mills.	

## ASSESSMENT ROLL, 1882.

Real Estate.....	\$18,719,720 00
Personal Property.....	3,389,850 00
Merchants' Tax.....	2,206,450 00
<hr/>	
Total.....	\$24,316,020 00
Tax levy, 17½ Mills.	

“STATEMENT H.”  
CITY BONDED DEBT, JANUARY 1, 1883.

## CITY BONDED DEBT, JANUARY 1, 1883.

When Issued.	Rate of Interest.	Yrs. to Run	When Due.	Where Payable.	For What Purpose Issued.	Amount.
June 1, 1872, and due June 1, 1882.	8 percent.	10	June 1, '82, con. 1 yr.; due June 1, 1883.	Ninth National Bank, N. Y.	Funding City Debt (S. "A").....	\$ 75,000 00
January 1, 1870.....	7 "	20	January 1, 1890....	" "	Kansas City and Santa Fe R. R.....	100,000 00
May 1, 1873.....	8 "	20	May 1, 1893.....	" "	Funding City Debt (S. "B").....	250,000 00
June 1, 1875.....	8 "	20	June 1, 1895.....	" "	Renewal Bonds.....	50,000 00
August 15, 1875.....	8 "	20	August 15, 1895.....	" "	Floating Debt (S. "3").....	50,000 00
August 15, 1875.....	8 "	20	August 15, 1895.....	" "	" (S. "4").....	92,500 00
May 1, 1876.....	8 "	20	May 1, 1896.....	" "	Renewal Bonds.....	20,000 00
December 1, 1876....	8 "	20	December 1, 1896...	" "	" ".....	60,000 00
December 15, 1876...	8 "	20	December 15, 1896..	" "	" ".....	60,000 00
January 1, 1867.....	7 "	30	January 1, 1897.....	" "	Kansas City and Neosho Valley R. R.	198,000 00
January 1, 1877.....	8 "	20	January 1, 1897.....	" "	Renewal Bonds.....	40,000 00
August 15, 1877.....	8 "	20	August 15, 1897....	" "	" ".....	70,000 00
November 1, 1878....	7 "	20	November 1, 1898...	" "	" ".....	40,000 00
January 1, 1881.....	6 "	20	January 1, 1901.....	" "	" ".....	50,000 00

Bonds due at various times prior to January 1, 1883, not presented for payment.....	14,764 01
	\$14,100,000

Total Bonds outstanding.. ..	\$1,170,264 01
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## PART SECOND.

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Comptrollor's Statement of Department Expenditures from the General Fund, and Reports of Operations by Department Disbursing Officers, for  $8\frac{1}{3}$  months of the fiscal year 1882, to December 31st, and the Engineer's Report for calendar year 1882. Report of Water Commissioner and Superintendent of Buildings.

TABULAR STATEMENT OF DEPARTMENT EXPENDITURES FOR 8 $\frac{1}{3}$  MONTHS OF THIS FISCAL  
YEAR TO DECEMBER 31, 1882.

1882.	Officers and Employees.	Police.	Fire.	Hospital and Board of Health.	Work House.	Gas.	Printing and Stationery.	Charity.	Water Works.	Expense.	Streets and Alleys.	Totals.
April 17th to 30th.....	\$ 1,029 22	\$1,745 35	\$ 979 66	\$ 787 01	\$ 657 70	\$ 636 17	\$ 359 55	\$ 100 00	.....	\$ 298 00	\$ 2,425 54	\$ 9,018 80
May.....	2,300 84	3,690 86	1,952 88	1,986 72	981 10	1,263 83	415 84	250 00	.....	1,834 73	5,724 77	20,410 07
June.....	3,203 85	4,501 86	1,907 66	1,694 10	901 67	1,235 83	651 00	250 00	.....	834 65	7,052 42	40,852 64
July.....	2,400 84	4,394 50	5,116 54	1,205 42	1,001 77	1,247 60	584 20	250 00	.....	700 49	7,202 47	24,163 83
August.....	2,400 85	4,021 27	2,455 55	909 42	1,105 73	1,283 47	641 69	250 00	.....	304 25	11,687 57	25,069 80
September.....	3,026 84	4,246 84	3,321 72	700 52	953 58	1,307 73	367 58	250 00	.....	253 90	10,840 64	25,469 35
October.....	2,450 84	4,345 03	2,570 60	877 79	922 03	1,313 55	760 28	250 00	.....	1,092 70	13,127 28	27,710 10
November.....	2,525 85	4,054 17	5,906 37	887 07	1,072 82	1,309 80	521 63	250 00	.....	2,882 81	5,857 82	25,328 34
December.....	3,188 84	4,030 44	3,518 90	916 19	923 71	1,398 26	329 87	250 00	.....	1,984 15	8,883 18	25,423 54
Total.....	\$22,587 97	\$35,038 82	\$27,989 88	\$9,964 24	\$8,520 11	\$10,965 84	\$ 4,631 64	\$2,100 00	\$18,500 00	\$10,246 28	\$72,811 69	\$223,446 47



RECAPITULATION OF DEPARTMENT EXPENDITURES FROM  
GENERAL FUND, DURING FISCAL YEAR 1882, TO  
DECEMBER 31,  $8\frac{13}{30}$  MONTHS.

DEPARTMENTS.	Expended $2\frac{13}{30}$ Months Fiscal Year 1882.	Expended 6 Months, Fiscal Year 1882.	Total Expended in $8\frac{13}{30}$ Months.
Officers and Employes.....	\$ 6,593 91	\$ 15,994 06	\$ 22,587 97
Police .....	9,946 57	25,092 25	35,038 82
Fire .....	4,840 20	23,149 68	27,989 88
Hospital and Board of Health.....	4,467 83	5,496 41	9,964 24
Work House.....	2,540 47	5,979 64	8,520 11
Gas .....	3,135 43	7,860 41	10,995 84
Printing and Stationery.....	1,426 39	3,205 25	4,631 64
Charity ..	600 00	1,500 00	2,100 00
Water Works.....	18,560 00	.....	18,560 00
Expense .....	2,967 98	7,278 30	10,246 28
Streets and Alleys .....	15,202 73	57,608 96	72,811 69
Total expended in $2\frac{13}{30}$ months.....	\$70,281 51	.....	.....
“ “ “ 6 “ .....	.....	\$153,164 96	.....
“ “ “ $8\frac{13}{30}$ “ .....	.....	.....	.....
Fiscal year 1882.....	.....	.....	\$223,446 47

## REPORT OF CHIEF OF POLICE.

POLICE OFFICE,  
KANSAS CITY, Mo., February, 1883. }

NATHANIEL GRANT, *City Comptroller* :

DEAR SIR : Herewith I have the honor of submitting to you a report of the more important transactions of the Police Department, from the beginning of the fiscal year (April 18th) to December 31, 1882.

## THE POLICE FORCE.

The force entire, as borne upon the Pay Roll of the Department, is as follows: Two Police Commissioners, (who, with the Mayor, constitute the Board), Chief, Captain, Clerk, three Sergeants, (one of whom is the Sanitary Officer), two Roundsmen, four Detectives and forty-four Patrolmen one of whom is mounted, two serve as jailors and drivers of the police ambulance, alternating day and night; and one patrolman serving as night jailor at the sub-station in West Kansas City, making an entire total of fifty-eight persons.

Of this number (not including the commissioners) there is on day duty the chief, clerk, one sergeant, one roundsman, two detectives, the sanitary sergeant, one mounted patrolman for general work, one jailor and eighteen patrolling the streets, making a total of twenty-seven on day duty.

On night duty there is the captain, one sergeant, one roundsman, two detectives, two jailors, and twenty-two patrolling the streets, making a total of twenty-nine on night duty.

The salaries of the various officers, as fixed by the Board of Police Commissioners, are as follows :

## SALARIES PAID.

Chief Police.....	\$2,000 00
Captain.....	1,140 00
Clerk.....	1,020 00
Two regular sergeants.....	960 00
One sanitary sergeant.....	900 00
Two roundsmen.....	900 00
Three regular detectives.....	840 00
One special detective.....	810 00
Old patrolmen.....	810 00
New patrolmen.....	660 00

## PRIVATE POLICE.

In addition to the regular Metropolitan Police, there are the Railroad and Merchant Police two private associations, consisting in all of thirty persons, holding commissions empowering them with authority to arrest.

## POLICE ARMORY.

The department is supplied with an armory containing sixty Springfield rifles, with bayonets, belts, cartridge boxes, etc., two hundred improved Colt's revolvers, 45 calibre, one Gatling gun, and many thousand rounds of rifle and revolver cartridges.

## POLICE AMBULANCE.

On June 30th, there was added to the department a police ambulance, consisting of a strong spring wagon, drawn by one large horse, and fitted up with a gong, stretcher, nippers, ropes, straps, etc. It has been found very serviceable. From June 1st to Dec. 31st., the driver has kept a record of one hundred and ninety-two runs, in which the wagon has been used to hurriedly convey officers to scenes of disturbances, bring in obstreperous and unconscious drunks, convey wounded persons to their homes and various hospitals, and bringing in for medical treatment persons who have become sunstruck. It has proved a most valuable addition to the department.

## OTHER FEATURES.

There has just been organized, by members of the department, a Metropolitan Police Battery, for the purpose of operating the Gatling gun, consisting of one lieutenant, two sergeants, one corporal and fifteen cannoneers. The men are drilled in both artillery and pistol practice.

The officers have also organized a Police Relief Association, with a fund raised by monthly payments from each member. The objects of the Association are two-fold: paying five hundred dollars to the widow and orphans on the death of a member; and also furnishing relief to the member in case of sickness or injury.

## PEACE OF THE CITY.

I am pleased to report that good order has been maintained throughout the entire city. From April 18th to December 31st there were 3155 arrests made for violation of city ordinances, and 243 arrests for offences committed against state laws, making a total of 3398 arrests.

During the same period there has been recovered and restored to the owners, stolen money and property to the value of \$8,454.50.

## FINES COLLECTED.

The total amount of fines collected in the Recorders Court for the 8½ months embraced in this report, reaches the large sum of \$12,406.55.

The number of persons committed to the workhouse during the above period is 993.

Very respectfully,

THOMAS M. SPEERS,  
*Chief of Police.*

By W. O. HUCKETT,  
*Clerk.*

## REPORT OF CHIEF OF FIRE DEPARTMENT.

OFFICE OF FIRE DEPARTMENT, }  
 KANSAS CITY, January 1, 1883. }

\*TO THE HON. COMPTROLLER OF THE CITY OF KANSAS,—

SIR: In compliance with your request I submit the following report of operations by the Fire Department during  $8\frac{1}{2}$  months of fiscal year 1882, from April 19th to December 31st, inclusive viz.:—

The total expenditures of the Department during the foregoing period amount to.....\$ 27,989 88

As follows:

Expended in repairing Engine House No. 1.....	\$ 99 35
Expended in building new Engine House No. 5, on City lot cor. Troost Ave. and 11th Street.....	1,211 97
Paid for lot corner 5th and Bluff Street.....	2,850 00
Expended in building new Engine House No. 6th on City lot cor. 5th and Bluff St.....	2,255 00
Paid for new Fire Hose.....	2,900 00
Difference in Horses.....	75 00
Paid for 2 Horses for new H. & L. Truck.....	250 00
Paid for 2 new Hose Carriages.....	1,400 00

Amount.....	11,041 32
Pay-roll and current expenses of Dept.....	16,948 56

Total.....	27,988 88
------------	-----------

The Department has responded to 86 calls, being one less than during same period in fiscal year 1881.

The losses by fire during $8\frac{1}{2}$ months on buildings amount to.....	\$ 63,330 00
Loss on Stock.....	26,640 00

Total.....	89,970 00
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Total amount of Insurance involved.....	221,100 00
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The working force of the Department at present consists of 22 full paid men, including the Chief and one runner.

The equipments embrace 12 good horses, serviceable, and 1 unserviceable, 6 hose carriages, 1 large hook and ladder truck, nearly new, and 1 small hook and ladder truck, needing repairs, 3 steam fire engines, 1 supply wagon, and about 5000 feet of serviceable hose.

The Department is in good working condition and prepared to meet all calls promptly.

Very respectfully,

G. C. HALE,  
 Chief of Fire Dept.

## REPORT OF SUPERINTENDENT OF WORK-HOUSE.

January, 1883.

HON. NATHANIEL GRANT, *Comptroller*,—

SIR:—I herewith submit report of Work-house operations from April 19th to December 31st,  $8\frac{1}{2}$  months of fiscal year 1882, showing character and value of work done, at usual prices of materials and labor, expense of Department, etc.:

10,386 yards of macadam furnished Street Commissioner, @ \$1 per yard.....	\$ 10,386 00
837 days labor for Street Commissioner, @ \$1.50.....	1,255 50
437 " " at Work-house.....	655 50
18 " " Police Station.....	24 00
8 " " at City Hospital.....	12 00
761 doz. washing for Hospital, etc., by female prisoners.....	761 00
Cash collected on fines and paid City Treasurer.....	1,982 35
Total value.....	\$ 15,076 25
Expense of Department.....	8,520 11
Balance in favor of Work-house.....	\$ 6,556 24
Number of prisoners received at Work-house, males.....	855
" " " " " females.....	138
Total.....	993

In submitting this report it is necessary for me to speak of the urgent necessity of enlarging the capacity of the Male Department, as the amount of space is too limited for the large increase of prisoners during the year.

Respectfully,

JOHN MOYNIHAN,

*Superintendent.*

## REPORT OF STREET COMMISSIONER TO DEC. 31, 1882.

OFFICE OF STREET COMMISSIONER, }  
KANSAS CITY, Mo., January, 1883. }

TO THE HON. COMPTROLLER OF THE CITY OF KANSAS,—

DEAR SIR: The following account is from the first of the fiscal year to Dec. 31, 1882, of the work done in my Department:—

## APRIL ACCOUNT, 1882.

To 782 feet new oak crossings, at per lineal foot, 50c.....	\$ 391 00
8 crossings repaired, at \$6.00.....	48 00
21 feet stone crossing, per lineal foot, \$1.75 .....	36 75
A. G. Fisher, for sprinkling Bluff St .....	75 00
	<hr/>
	\$ 550 75

## MAY ACCOUNT, 1882.

To 3094 feet new oak crossings put in, at per lineal foot, 50c	\$ 1,547 00
22 old crossings repaired, at per crossing, \$7.00 .....	154 00
130 feet of stone crossing, put in at per foot, \$1.00 .....	130 00
64 feet stone crossing, put in at per lineal foot, \$1.75.....	112 00
Repairs on Bluff Street Bridge.....	288 00
Repairs on Catch-basins and Sewers.....	110 50
Watering Bluff Street and Market Square.....	58 70
	<hr/>
	\$2,400 20

## JUNE ACCOUNT, 1882.

To 116 feet stone crossings put in streets at per lineal foot, \$1.75..\$	203 00
2,074 feet oak crossings put in, at per lineal foot, 50c .....	1,037 00
200 feet Sidewalk for City on Bluff Street, per foot, 75c.....	150 00
Repairs on Bridge.....	75 00
28 street wooden crossings repaired, at per crossing, \$5.....	140 00
Repairs on Catch-basins and Sewers.....	98 25
Watering Bluff Street and Market Square.....	63 50
	<hr/>
	\$1,766 75

## JULY ACCOUNT, 1882.

To draining pond at 22d and Campbell Sts.....	81 25
Draining pond at 5th St. and Forest Ave .....	10 25
Repairs on Public Cisterns .....	91 45
Grading lot for Fire Department on 11th St. and Troost Av....	111 37
Repairs on Catch basins and Sewers .....	140 50
Repairs on Bridges.....	80 50
Sidewalks repaired, to be collected in Special Tax-Bills.....	400 28
15 street-crossings repaired.....	105 00
608 feet oak street-crossings, at per lineal foot, 50c .....	304 00
Sprinkling Bluff Street and Market Square.....	62 50
	<hr/>
	\$1,387 10

## AUGUST ACCOUNT, 1882.

To building Culvert, 87½ ft. long, across Lincoln St., at 8th St....\$	146 57
Cost of grading Lincoln St.....	356 25
For powder.....	3 90
Watering Bluff Street and Market Square.....	74 25
1,235 feet oak street-crossings put in, per lineal foot, 50c.....	617 50
20 crossings repaired, at \$5.00.....	100 00
Bridge repairs.....	50 00
Sewer and Catch-basin repaired.....	130 35
	<hr/>
	\$1,478 82

## SEPTEMBER ACCOUNT, 1882.

To grading Lincoln St.....	\$ 532 50
1,282 feet oak street-crossings, at per lineal foot, 50c.....	641 00
30 old Street-crossings repaired, at \$5.00.....	150 00
Bridge repairs .....	60 00
Catch-basins and Sewers repaired.....	115 00
Watering Bluff Street and Market Square. ....	55 50
	<hr/>
	\$1,554 00



## OCTOBER ACCOUNT, 1882.

To Stairs built and repaired at 12th and Freight Sts.....	\$ 75 50
1374 feet oak street-crossings put in, at per lineal foot, 50c .....	687 00
Repairing old crossings.....	63 30
Bridge repairs on Holmes and 20th Sts.....	47 25
Catch-basins and Sewers repaired.....	106 25
Sprinkling Bluff Street and Market Square.....	12 50
187 feet Sidewalk, with railing, for the City, at the corner of 5th and Bluff Streets .....	93 50
2 Man-holes at Holmes and 2d Streets.....	12 50
Grading 19th Street from Main Street to the Alley west.....	250 00
	<hr/>
	\$1,347 80

## NOVEMBER ACCOUNT, 1882.

To new Bridge over First Creek, on Tracy Ave. north of 18th St..	\$ 85 71
43 feet curb-stone put in at the corner of 5th and Bluff St., for the City, at 50c per foot..	21 50
166 feet stone crossings put in and repaired, at 90c per foot...	159 40
100 feet new Sidewalk and Railing for the City, north of Bluff Street Bridge, at 60c per foot .....	60 00
1,680 feet oak street-crossings, put in at 50c per foot.....	840 00
30 crossings repaired, @ \$5.....	150 00
Catch-basins repaired.....	40 50
	<hr/>
	\$ 1,357 11

## DECEMBER ACCOUNT, 1882.

To 612 feet oak street crossings @ 50c.....	\$ 306 00
20 street-crossings repaired @ \$5 .....	100 00
Repairing Bluff Street Bridge.....	22 50
Repairing Catch basins.....	52 00
	<hr/>
Total for month.....	\$ 480 50
Total amount for 8½ months fiscal year 1882.....	\$ 12,323 03
To amount paid for materials, men, and teams in general street repairs, and cleaning streets and alleys.....	6,456 22
	<hr/>
Total expended in 8½ months.....	\$18,779 25

I take pleasure in complimenting the Superintendent of the Workhouse and his guards for prompt and valuable assistance in furnishing the Department with labor, rock, and macadam for repairing streets of the City

Very respectfully,

DENNIS LEVY,  
*Street Commissioner.*





ANNUAL REPORT

OF THE

CITY ENGINEER,

WATER COMMISSIONER AND SUPERINTENDENT  
OF PUBLIC BUILDINGS,

CITY OF KANSAS, MO.

FOR

YEAR ENDING DECEMBER 31, 1882.

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SUBMITTED TO COUNCIL.



# CITY ENGINEER'S REPORT.

CITY OF KANSAS, OFFICE OF CITY ENGINEER, }  
KANSAS CITY, January 1, 1883. }

TO THE HONORABLE MAYOR AND COMMON COUNCIL OF THE CITY OF KANSAS.

GENTLEMEN: I beg to report as follows on the Public Works executed during the calendar year 1882:—

## EXPENDITURES.

The following is a classified statement of Expenditures in this Department during the year:—

### FROM STREET AND ALLEY FUND.

#### *Sewers :*

Repairs and Alterations .....	\$ 742 43	
Repairs Main Street Public Sewer.....	1,129 50	
New Work.....	9,385 42	
Right of Way (Broadway).....	400 00	\$11,657 35

#### *Street Improvements :*

Grading, Curbing, Paving, etc.....	\$ 3,653 28	
Bridges and Culverts—new Work.....	12,998 88	
Repairs.....	25 75	
Bluff Street Wall.....	24,864 19	
Condemnations, Opening, Widening, etc.....	1,377 00	\$42,919 10

#### *Engineering and Incidental :*

Salaries St. and Alley Roll Engineers..	\$3,511 15	
Inspectors { Sewers.....	2,140 75	
{ Sidewalk and Curbing.....	502 50	
{ Street paving.....	621 50	
{ Bridges and Culverts.....	246 10	\$7,022 00
Surveying Instruments and Supplies.....	20 00	
Office Rent and Furniture.....	110 75	
Miscellaneous.....	151 22	\$ 7,303 97
Total Expenditures Street and Alley Fund—Engineer's		
Department.....		\$61,880 42

### FROM OTHER FUNDS.

#### *Engineering and Incidental :*

Salaries—Engineers—Officers' and Employes' Roll	\$6,905 75	
Surveying Instruments and Supplies—Expns. Dep.	166 60	
Office Rent and Furniture—Expns. Dep.....	392 05	
Traveling Expenses as Water Commissioner, and on Inspection Bluff St. Bridge—Expns. Dep.	146 55	
Total.....		\$ 7,610 95
Total Engineer's Department.....		\$69,491 37

STATEMENT OF PUBLIC WORKS FOR THE CALENDAR YEAR  
1882.

## CITY ENGINEER'S DEPARTMENT.

CHARACTER OF WORK.	MANNER OF PAYMENT.		
	By private contract with Property Owners.	By Special Tax Bills.	By Cash Genl. Fund.
Grading streets and alleys		41,709.83	
Curbing and Guttering ...	33,673.10	8,618.47	
Sidewalks .....	36,788.85	5,073.02	
Paving .....		31,137.00	3,653.28
Bridges and Culverts.....			13,024.63
Bluff St. wall.....			24,864.19
Condemnations.....			1,377.00
Sewers.....		76,945.00	11,657.35
Total Am't. Special Tax Bills issued.....		163,483.32	
Deduct Amounts Special Tax Bills issued against City of Kansas as owner of Market Square for paving and sewerage tax, paid out of General fund.....		2,650.92	
Net Totals.....	70,461.90	160832.40	54,576.45

Total Amount Public Works completed.. ..... \$285,870.80

## SEWERS.

I have thought it important to prepare a statement of all the Public and District Sewers that have been constructed in the City up to this date.

The records of this work are very incomplete, especially as to the cost and other items of work done prior to the spring of 1875, when the present City Charter was adopted. I have availed myself of all accessible means of information, and believe that the tables presented herewith are as correct as it is practicable to make them at this time.

The construction of Sewers did not practicably begin until 1865, when the City had a population of 5,000. The only recorded item of expense prior to this date is \$500, in 1860, for building a culvert which is now a part of the Main street Public Sewer. From 1865 to 1870 the only work done was on this Sewer and on the Walnut street Public Sewer; although at the latter date the City had a population of 32,000.

Table No. 1 shows the length, size, and approximate cost of all the Public Sewers constructed in the City up to this date.

TABLE NO. 1.  
PUBLIC SEWERS.

Name of Sewer.	Year Constructed.	Length Lin'l ft.	Size. (Approx.)	Direction outflow.	No. Inlets.	cost.	REMARKS.
Main St. ....	1860 to 1871	4,400	4' to 6'	North.	7	\$36,018.26	Completed. Delaware and Main.
Walnut St.	1869 to 1882	5,209	4' to 5½'	South.	9	26,171.97	Unfinished. 240 to complete to O. K. Creek.
Broadway ....	1879 to 1882	1,228	3' to 4'	North.	3	9,388.54	Completed.
Holmes St....	1879 to 1881	1,868	3' to 3½'	North.	2	5,977.03	Completed.
	Totals .....	12,705	2¼ Miles,		21	\$77,555.80	

The First District Sewer was paid for by special bills of assessment issued against the property drained, according to its area; was built in 1870. During the next ten years only eight District Sewers were put in, although the population had increased to 63,000 in 1880.

Table No. 2 shows all the District Sewers constructed up to January 1, 1880.

Tables, Nos. 3, 4, and 5, show the length, cost, etc., of District Sewers constructed in 1880, 1881, and 1882; and in table No. 6, I have recapitulated the length and cost of both Public and District Sewers, and brought the record down to date.

I also present in Table No. 7 a statement of the length of various sizes of District Sewers.

The following is a statement of Sewer work under contract and in progress of construction at this date:

IN DISTRICT No. 46.—Sewer in Hickory street, West Kansas, from Missouri River to St. Louis Avenue. Length, 1,100 feet. Estimated cost, \$7,500. Nine-tenths completed.

IN DISTRICT No. 93.—Sewer in Oak street, from Independence Avenue to Market street. Length, 2,059 feet. Cost, \$6,662. Completed during January.

IN DISTRICT No. 103.—Sewer in Twelfth street and Grand Avenue, between Tenth and Twelfth. Length, 1,282 feet. Estimated cost, \$2,600. Half completed.

IN DISTRICT No. 39.—Main Sewer in Fourteenth street, from Broadway to Summit. Length, 5,289 feet. Cost, \$10,363. Completed during January.

IN DISTRICT No. 15.—Sewer in Wyandotte street and Baltimore Avenue, between Eleventh and Fourteenth streets. Length 4,586 feet. Estimated cost, \$18,400. Work just begun.

Total length in progress, 14,326 feet; cost, \$45,525. Proportionate part constructed during 1882, 9,060 feet; cost, \$25 800.

There are in all forty-five Sewer Districts embraced in the foregoing tables, comprising a total area of  $423\frac{6}{100}$  acres.

In twenty-nine of these districts, covering  $199\frac{63}{100}$  acres, the Sewer System is practically completed, and there will probably be no further Sewer tax assessed against property in them.

In sixteen of the districts, covering  $223\frac{43}{100}$  acres, only a portion of the Sewers necessary for the drainage of the entire district have been built; the general intention being to extend Sewers only to such parts of the district where they are most imperatively demanded by conditions of improvements and population, with the purpose of taxing unimproved property as little as can possibly be done consistently with the sanitary necessities of the improved portion of the district.

In those districts where the Sewer System has been completed, the average cost per lineal foot of Sewer and the average ratio of cost to the property-owners for each 100 square feet of their lots is as follows:—



TABLE NO. 2

## DISTRICT SEWERS.

CONSTRUCTED 1870 TO 1880.

POPULATION—in 1870, 32,000; in 1879, 60,000

Y'r.	No. Dist.	LOCATION OF DISTRICT. (Approximately.)	Drainage area of district, exclusive of Sts., sq. ft.	Direct outlet.	Length in ft.	Size.	Material.	Inlets.	COST.		REMARKS.
									Per lineal feet of Sewer.	per 100 ft. ar. sq. ft.	
1870.	1	Betw'n Del. and Main, from 3d to Mo. Ave.....	212,528	N.	844	18"	Cement pipe	1	\$2 24	\$0.89	Drainage com- pleted.
1872	4	Both sides 10th St., from Main to Walnut.....	87,247	N.	282	2x2½	Stone.	4	\$2 85	0.92	803
1873.	3	Both sides Broadway from 11th to cen. of blk north 10th St.	163,809	N.	423	18"	Cement pipe	3	\$2 36	0.61	998
1875.	129 130	Betw'n State Line & Wyoming Sts., from 15th to 17th St...	576,298 576,298	W.	779 66	18" 15"	Cement pipe	8	\$2 00	{ 0.14½ 0.14½	1,687
1876.	123	Betw'n Mulberry & Bluff Sts. from 13th to Mo. River ...	3,495,574	N.	1,318 2,108	4½x5½ 3x4	Stone.	13	\$7.38	0.72	25,280 Sewer in Santa Fe St.
1877.	21	Betw'n Wyandotte & Delaw'r from 4th to 6th St.....	242,496	N.	740 318	8" 8"	Brick. C't pipe.	4	\$3.69	1.94	4,708 Drainage com- pleted.
1878.	88	Betw'n Campbell St. & alley E of Charlotte, from 12th to cen blk north of 10th St...	459,907	S.	230	21x3½ (oval)	Brick.	2	\$3.75	0.19	863
1879.	105	Betw'n Walnut St. and Grand Ave, from 13th to 16th St...	308,731	S.	330	3'	Brick.	2	\$5.88	0.63	1,940
TOTALS.....		.....			7,688			37			\$38,171

TABLE NO. 3.  
DISTRICT SEWERS CONSTRUCTED IN 1880.  
(POPULATION, 63,000.)

No. of District.	LOCATION OF DISTRICT. (Approximately.)	Drainage area of District, exclusive of Streets. Square feet.	Direction of outflow.	Length. Lineal feet	Size.	Material	No. of Inlets.	COST.			REMARKS.
								Per lin. ft. of Sewer.	Per 100 square ft. of area.	TOTAL.	
2	Between Delaware and Locust Sts., on both sides of 3d St.	279,815	N.	2,106.0	18"	Cement pipe.	7	\$3 90	\$2 93	\$ 8,212	Completed. Sewer in 3d St.
111	Between Grand Ave. and McGee St., from 13th to 16th Sts.	308,732	S.	330.5 1,466.5	3' 18"	Brick..... Clay pipe.	6	4 74	2 76	8,517	Completed.
23	Bet. Broadway and Wyandotte from 6th St. to alley north of 5th St.....	268,361	N.	1,192.0 330.0 320.0	2½" 18" 15"	Brick..... Clay pipe. Clay pipe.	7	6 60	4 53	12,161	Completed. Sewer in 5th St.
22	Between Wyandotte and May from 6th to 9th St.....	994,722	N.	1,022.0 990.0	18" 15"	Clay pipe. Clay pipe.	4	4 45	0 90	8,954	Completed.
19	Between Central & alley E. Baltimore Ave., from 9th to 11th.	475,746	N.	658.0 467.0 1,514.0	3' 2' 18"	Brick... .. Brick... Clay pipe.	10	3 72	2 06	9,807	Completed.
Totals for 1880.....				10,396.0			34			\$47,651	
				1,197 miles.							

TABLE No. 4.

## DISTRICT SEWERS CONSTRUCTED IN 1881.

POPULATION 80,000

No. of District.	LOCATION OF DISTRICT. (Approximately)	Drainage Area of District exclusive of Streets. Sq. Ft.	Direction.	Length Ft.	Size.	Material.	No. Inlets.	COST.		REMARKS.
								Per Lineal Ft. of Sewer.	Per 100 Sq. Ft. of Area.	
102	On both sides Walnut, cen. blk., S. 10th to 13th St. ....	231,531	S.	145	3'	Brick.	2	\$ 4.15	\$0.26	604
98	On both sides of Main, from 5th to 8th St.....	302,566	N.	304	3'	Brick.	11	5.47	2.65	8,019 Completed.
103	On both sides Grand Av., cen. blk., S. 10th to 13th St....	230,958	S.	495	18" Clay Pipe			3.99	0.60	1,381
104	On both sides McGee St., cen. blk., S. 9th to 13th St.....	343,183	S.	346	3'	Brick.	2	2.25	0.44	1,027
94	On both sides Oak St., from 10th to 13th St.....	306,373	S.	457	2'	Brick.	2	4.20	0.40	1,378 Completed in 1882
14	Bet. Central and Wyandotte, from 11th to 15th St....	514,734	S.	337	3'	Brick.	2	3.90	0.42	1,314
20	Both sides Wyandotte, from 6th to 9th St.....	211,801	N.	407	3'	Brick.	8	3.32	1.59	8,210 Completed.
17	Both sides Main, from 8th to 12th St. ....	321,196	N.	2,065	2'	Brick.	4	3.24	2.24	4,742 Completed.
105	Bet. Walnut and Grand Av., from 13th to 16th St.....	308,731	S.	1,463	3½'	Brick.	11	4.50	3.06	9,831 Completed. Sewer in Main St.
63	Bet. Walnut and Alley E., from 4th to Indepd. Av.....	91,009	N.	742	18"	Pipe.	4	3.40	1.59	4,916 Completed.
112	Bet. McGee and Oak, from 13th to 16th St.....	354,188	S.	812	2'	Brick.	2	3.30	2.94	2,681 Completed.
99	Bet. Walnut and Alley W., from 6th to 7th Sts .....	28,729	N.	326	2½'	Brick.	2	3.14	0.29	1,026 Completed in 1882
13	Bet. Broadway and Central, from 11th to 15th St....	487,580	S.	268	18"	Pipe.	0	3.13	2.92	839 Completed.
113	Bet. Oak and Locust, from 14th to 16th St. ....	193,149	S.	402	3'	Brick.	7	3.39	1.75	8,546 Completed.
69	Bet. Locust & Cherry, from 5th to Independence Av.....	205,775	N.	2,120	2'	Brick.	4	3.10	1.79	3,474 Completed.
106	Both sides Locust, from cen blk., S. 9th to 13th St..	304,056	S.	892	2'	Pipe.	3	5.10	2.47	5,100 Completed.
28	Both sides Bank St., from Alley N., 6th to 7th St.....	101,310	N.	634	3'	Brick.	8	3.46	1.65	6,012 Completed.
15	Bet. Main and Wyandotte, from 11th to 15th St.....	719,792	S.	1,099	18"	Pipe.	1	3.67	2.15	2,180 Completed.
				594	3'	Brick.	4	4.90	0.46	3,312
	Totals, 1881.....			19,686			77			74,592

TABLE No. 5.

## DISTRICT SEWERS CONSTRUCTED IN 1882.

POPULATION 85,000.

No. of District.	LOCATION OF DISTRICT. (Approximately.)	Drainage area of District, exclusive of Streets. Sq. Ft.	Direction of Outflow.	Length. Lin. Feet.	Size.	Material.	No. Inlets.	COST.		REMARKS.
								Per Lin. ft. Sewer.	Per 100 Sq. Ft. Area.	
97	Btw'n Alley W. Grand Ave. & Alley E. Oak, from 4th to Ind. Ave.	418,428	N.	955	3'	Brick.	10	\$4.24	\$2.02	\$8,474
31	Btw'n Broadway & Penn Street, from 7th to 10th Street	582,698	N.	1,044	2'	"	3	4.25	1.04	6,058
94	Both sides Oak St., from 10th to 13th St.	306,373	S.	305	2½'	"	2	2.49	0.41	1,272
104	Both sides McGee St., from cen. blk. S. 10th to 13th	343,983	S.	511	3'	"	3	3.90	1.80	6,216
92	Both sides Cherry Street, from Ind. Ave. to 9th Street.	361,551	N.	1,590	3'	"	6	3.60	1.56	5,651
62	Btw'n Walnut & Grand Ave., from Ind. Ave. to 7th	154,139	N.	190	2½'	"	2	2.94	1.28	2,004
95	Both sides Locust, from Ind. Ave. to cen. blk., S. 9th	430,046	N.	1,380	18"	Pipe.	8	3.34	4.54	6,656
33	Btw'n Central & Alley W., from 10th to 11th	70,728	N.	169	2½'	Brick.	0	1.89	1.72	1,218
32	Btw'n Alley E. Washington & Alley W. Jefferson, from 10th to 12th	450,696	N.	1,646	18"	"	3	2.84	1.92	8,695
35	Btw'n Broadway & Alley W. Washington, from 12th to 14th	371,227	S.	487	18"	Pipe.	3	1.84	0.94	3,523
5	Btw'n Main & Grand Ave., both sides 4th St	93,870	N.	2,574	18"	"	3	2.45	2.39	2,244
46	Btw'n Mulberry & Liberty, from Alley S. St. Louis Ave. to Mo. River	666,108	N.	334	2'	Brick.	8	2.48	0.57	3,799
18	Btw'n Broadway & Alley E. of Central, from Alley N. of 6th St to 10th St.	291,452	N.	758	18"	"	6	3.41	1.95	5,711
130	Btw'n Wyoming St. & State St., from 15th to 17th	576,298	W.	591	15"	"	6	2.09	0.32	1,823
96	Btw'n Grand Av. & McGee, Ind. Av. to cen. blk., S. 9th	298,654	N.	220	15"	"	2	4.76	0.37	1,115
112	Btw'n McGee & Oak, from 13th to 16th	354,188	S.	870	3'	Brick.	6	1.85	0.84	2,986
6	Btw'n Main & Walnut, from 12th to 14th	153,384	S.	234	18"	"	4	2.07	1.24	1,902
29	Btw'n Bluff St. & Bank, from cen. blk. N. 5th to St	627,762	N.	290	15"	"	5	2.91	1.21	7,598
				372	15"	Pipe.				
				498	12"	"				
				449	10"	"				
				483	18"	"				
				436	15"	"				
				1,212	18"	"				
				1,396	15"	"				

New Dist.

TABLE NO. 6.  
RECAPITULATION OF SEWERS CONSTRUCTED. JAN. 1, 1883.

	YEAR.	LENGTH LIN. FT.	COST.
PUBLIC SEWERS.....	1860 to 1881 inclusive. 1882.	11,263 1,442	\$ 71,021 6,534
	Total Public Sewers.	12,705	\$ 77,555
DISTRICT SEWERS.....	1870 to 1879 inclusive. 1880.	7,688 10,396	38,171 47,651
	1881.	19,686	74,592
	1882.	25,737	76,945
	Total District Sewers.	63,507	\$237,359
	Totals.	76,212 14 <sup>43</sup> / <sub>100</sub> mi.	\$314,914

TABLE NO. 7.  
 LENGTH IN LINEAL FEET OF VARIOUS SIZES OF DISTRICT SEWERS CONSTRUCTED UP  
 TO JANUARY 1, 1883.

YEAR.	PIPE.				BRICK.				STONE.			
	10"	12"	15"	18"	3½"	3'	2½"	2½"x3½"	2'	5½"x4½"	3'x4'	2'x2½"
1870.....				844								
1872.....				423								
1873.....			66	779								
1875.....												
1876.....												
1877.....		121	129	318		740		230		1,318	2,108	
1878.....												
1879.....						330						
1880.....			1,310	6,438		988	1,192					
1881.....			2,830	9,480	482	4,539	1,283		467			
1882.....	449	1,036	4,807			4,410	1,151		10,552			
Totals.....	449	1,157	6,312	21,112	482	11,017	3,626	230	15,423	1,318	2,108	282

Total lineal feet—63,507.

Oval.



For Sewers constructed prior to 1880, the cost was \$5.00 per lineal foot, and the property-owners paid \$2.09 per 100 square feet of lots.

For Sewers constructed during 1880, the cost was \$4.60 per lineal foot and \$2.96 per 100 square feet.

For Sewers constructed in 1881, the cost was \$3.80 per lineal foot and \$2.19 per 100 square feet.

For Sewers constructed in 1882, the cost was \$3.00 per lineal foot and \$1.57 per 100 square feet.

It will thus appear that the cost to private property for Sewers built this year, is nearly 30 per cent below what it was last year, and nearly 50 per cent below the year previous. I have, however, been restrained and limited in the exercise of my judgment in this matter by what has been done in previous years, in establishing Sewer Districts and building part of a Sewer System in them, thus legally preventing any subsequent change in the district boundaries.

Districts Nos. 35 and 39 are in fact the only new ones in which work has been done that I have established without serious restrictions; in the former of these the cost per 100 square feet of private property is 94 cents for the system nearly completed. Nearly the entire drainage system in District No. 39, lying between Broadway and Summit, from Thirteenth to Sixteenth streets, was begun last autumn and finished during January, at a cost to the property-owners of only \$1.17 per 100 square feet.

The average cost in St. Louis during the fiscal year ending April, 1882, was \$1.22 per 100 square feet.

That great injustice has been done the property-owners in establishing the boundaries of many of the old districts, is evident from the great inequality of cost per 100 square feet in the different districts completed, varying from 63 cents to \$4.53 prior to 1881, and from \$1.13 to \$3.06 during that year. It also further appears from the fact that those districts where the tax is heaviest, are as a rule adjacent to large Public Sewers paid for by the City, and where the ratio might reasonably be expected to be low. Generally the districts have been made too small and established without due reference to a systematic subdivision of the City into proper drainage areas.

I am inclined to the opinion that under ordinary conditions, the entire cost of Sewers in any part of the City not already laid off into districts, should not greatly exceed \$1.50 per 100 square feet. If in any well arranged district the cost for a completed System of Sewers would be much higher than the figure indicated, by reason of the necessity of building a large, long, main outlet Sewer, then the conditions would justify, in my opinion, the construction of a portion, at least, of the main Sewer at public expense.

Although it will appear from the foregoing table (No. 6) that the length of Sewers in this City during the past three years has been increasing in rapid proportion, and although we increased the previous total length about 55 per cent during the past year, yet the City is not as well supplied as it should be.



This will perhaps appear more plainly by the following statement of lineal feet of Sewers per capita in this City, as compared with a similar statement of other cities:—

Kansas City up to 1880 had 0.27 lineal feet of Sewers per capita.									
At the end of	"	"	0.45	"	"	"	"	"	"
"	"	"	1881	"	0.61	"	"	"	"
"	"	"	1882	"	0.90	"	"	"	"

From the report of Mr. G. Howard Ellers, Supt. of Sewers—Chicago, 1881, I take the following statement compiled by him for that year:—

Cincinnati, 1.38 lineal feet per capita.

Chicago— 3.80 " " " "

St. Louis— 3.11 " " " "

Cleveland—2 81 " " " "

Memphis— 5.49 " " " "

And the average of 12 principal cities—2.56 lineal feet per capita.

A large portion of the City that has been thickly populated for several years, is entirely without Sewer facilities.

The total area of the City is 2,907 acres, of which, as before stated, only 423 $\frac{6}{10}$  acres is either wholly in or part drained. No Sewers have as yet been constructed in all that portion of the City lying east of Cherry street. Steps have, however, been taken to meet the demand of a very large population in this section, and the largest Sewer District of the City (No. 80) has been recently established there. It comprises nearly 250 acres of the northern slope lying east of Forest Avenue to the City limits, and extending from the Missouri River, south to Ninth and Tenth streets. Plans and specifications have been prepared and the construction of the main Sewer along Lydia Avenue has been authorized by ordinance, and will be put under contract early this season. A part of the lateral system will probably also be built this year.

Another large District (No. 108) is being established on the southern slope of this City; it comprises about 170 acres lying between Tracy Avenue and Campbell street, from Ninth to Twelfth street; and between Tracy Avenue and Locust street from Twelfth to Fifteenth street. The main Sewer will be in Campbell street and extend south to O. K. Creek at Nineteenth street.

The construction of the Mains and a portion of the lateral Sewers in these two districts will afford a much needed relief, and should be done this year. I am of the opinion that the circumstances in both of these districts justify the construction of a portion of the main Sewers at public expense.

I also recommend the construction of a public Sewer on Gillis street from the Missouri River, to provide drainage for an extensive area between Charlotte street and Troost Avenue, and extending south to Ninth street.

All the southern portion of the City south of Fifteenth street is as yet without District Sewers. I have outlined one district in this section between Main street and Grand Avenue, with main Sewer on Twentieth street

to connect with Public Sewer. One or two other districts should be established in this section, and parts of laterals put in as soon as practicable.

West Kansas should also have immediate attention. The low, flat, and sandy character of this section, and density of its population, render it of vital importance, from a sanitary point of view, to provide more Sewers at the earliest possible date. The laterals should also be built in some of the uncompleted districts in the center of the City where the pollution of the ground from cess-pools has been going on for years, and is a source of great danger to public health. There are many important engineering questions arising in connection with the construction of outlet and intercepting Sewers for carrying off the sewage of the southern slope of the City along the valley of O. K. and Turkey Creeks, and also in connection with the drainage of West Kansas. The amount of money involved is large, and the necessity for immediate decision pressing; and the considerations as affecting public health are of paramount importance. The plan adopted should be the one which is best and cheapest to fully meet all the present and future requirements.

I desire to call special attention to the necessity of legislation to compel the owners of houses where Sewers are laid to make proper connection with them, and abolish all privies and cess-pools. The records show that only a very small proportion of the owners have put in their house connection drains, but continue the use of cess-pools and vaults. The Sewers are built for sanitary and drainage purposes as a vital matter of public welfare, but the object is not secured if the use of them is not made general. The law should further provide, that all plans for house drainage should be subject to the approval of the Board of Health, and executed under the supervision of the Superintendent of Buildings.

Plans are being prepared for Sewers in the following Districts in addition to those already mentioned: Nos. 100, 80, 47, 108, 63, 10, and 70.

#### SYSTEM.

The System prevailing here is known as the "combined System," providing for the removal of both storm-water and sewage in the sewers. This System is the result of many years of engineering experience in the attempt to meet, adequately, all the demands for drainage of cities. By reason of favorable location and topographical conditions, it is more economical to construct here than in most cities.

The separate System provides only for the removal of sewage proper in sewer-pipes, and leaves the storm-waters to be carried off on the surface. It is perhaps well adapted for small country villages, or for small towns under favorable conditions; but its adoption by a city of the size, commercial importance, and future prospects of this City, could not be justified by any sound reasons.

The plans and specifications, method of ventilation, and other details relating to the design and construction of the sewer work, are, as to all essential features, in accordance with the best engineering practice.

## CLEANING.

At my suggestion and with the special approval of His Honor, Mayor Bullene, a small force was detailed from the Street Commissioner's Department, last May, to keep the Catch-basins cleaned and trapped. The force was however withdrawn by the Street Commissioner, without orders, after a short term of service. It is important and necessary that a sufficient force be constantly employed cleaning out Catch-basins, keeping the traps sealed against the escape of gas, and removing obstructions from the Sewers. Owing to the unpaved condition of the streets, the Catch-basins become rapidly filled up with mud, and in many cases with garbage, ashes, and refuse generally, that is thrown in contrary to law. In case of heavy rain-fall, with these inlets for surface water choked up, considerable damage might result to private property, by flooding sidewalks and filling cellars.

There are 202 inlets or Catch-basins on District Sewers. Nearly all of those built prior to this year, numbering 148, were built either entirely without traps or in a defective manner, so as to render the traps inoperative and allow the escape of the Sewer-air into the street at the curb line. Those put in this year have been constructed with special care to secure a good water-trap; and I am of the opinion that all the old Basins should be securely trapped, and the ventilation of Sewers secured entirely through the perforated Man-hole covers. Owing to the high rate of gradients prevailing in this City, the expense for cleaning will not be very large; but this service should not be neglected altogether. A little systematic attention will keep the System in good working order, and prevent accumulations, stoppages, and accidents.

## REPAIRS AND ALTERATIONS.

The principal work of this kind done during the year has been on the Main street Public Sewer repairs. This Sewer was built in pieces, beginning with a culvert in 1860 and continued along the surface of the ground from time to time, following the line of a natural water course. It was built entirely of stone, and of irregular cross-section. Both the materials and the workmanship are bad—a portion of it so much so that at the time it was built the City refused to pay for it. It runs diagonally across the Market Square under rows of business buildings, and 20 to 60 feet below the present surface. A section of it broke down in 1878 at a point under the Square where the filling was 60 feet deep over it, and was repaired at considerable expense. It forms the outlet for all the drainage of the most thickly settled portion of the City, extending generally from the Missouri River to Eleventh and Twelfth streets and from Locust to Wyandotte street.

I made a careful examination of the whole length of the Sewer in September last, and found many parts in very dangerous condition—the arch broken, side walls bulged in, paving (if ever any) washed out, holes under the walls, and at one point about twenty feet of the wall on

one side and half the arch tumbled down into the water-way. On presentation of the facts, an appropriation was made of \$1,000, with which I began the work of taking down and rebuilding the most dangerous portion. This appropriation was exhausted in January, and another of similar amount made to continue the work; a good deal yet remains to be done to put the Sewer in safe condition. The following is a statement of the location, nature, and extent of repairs made:—

316 lineal feet of side walls taken down in sections and rebuilt with brick on new foundations, carried down usually four feet below the water-line; 30 feet of new arch built; 479 lineal feet of wall filled with cement and pointed. An accumulation of stones and rubbish 2 feet deep and 343 feet in length has been taken out.

The portion repaired extends from the man-hole near the south-east corner of Market Square north-easterly to a point under Fourth street near the intersection of Grand Avenue, a distance of 300 feet. Also under Delaware street from a point about 80 feet north of Sixth street, northward about 240 feet.

Mr. Charles Fisher has had immediate charge of the work, and has made the repairs under difficult and dangerous conditions, without accident and with economy.

The other repairs and alterations made during the year consist principally in supplying deficiencies, remedying defects, and correcting errors in location and construction of old catch-basins, man-holes, etc., including reconstruction of about 50 feet of Sewer in Bank street near Tenth street, built in 1881, damaged by undue pressure of earth on one side.

### STREET IMPROVEMENTS.

The total number and length of all the Public Streets in the City at this date, is as follows:—

43 Streets running East and West, aggregate Length.....	39 $\frac{4}{10}$ Miles.
74 Streets running North and South, aggregate Length.....	53 $\frac{6}{10}$ Miles.
117 Streets, total.....	93 Miles.

### GRADING.

The Grading of 22 Streets and Alleys was completed during the past year, aggregating nearly 3 miles in length and costing \$41,345.05.

Table No. 8 gives location, length, cost, etc., of all work completed.

Table No. 9 shows the extent and condition of work in progress.

Average price paid per cubic yard of earth and rock on work completed last year was 24  $\frac{6}{10}$  cents.

The work done in 1881 amounted to 338,300 cubic yards, at a total cost of \$84,892, an average price of 25  $\frac{1}{10}$  cents.

### CURBING AND GUTTERING.

Table No. 10 is a statement of Curbing and Guttering put in last year. No special record of this work during previous years has been kept, and I am, therefore, unable to present any total statement.

TABLE NO. 8.  
STREETS AND ALLEYS GRADED IN 1882.

STREET OR ALLEY.	FROM	To	LENGTH. LIN. FT.	CUBIC YARDS.	SPECIAL TAX BILLS ISSUED.	AMOUNT.
Sixth.....	Bluff.....	Delaware Street.....	2,366.00	61,092	July 10th.....	\$18,213 01
Alley.....	Between Main & Baltimore Av.	Tenth to Eleventh Sts.....	437.00	958	Feb. 3d.....	500 92
".....	Block 3, Jarboe's Addition.....	".....	279.00	218	Jan. 19th.....	98 08
".....	" 6, Rice's.....	".....	604.00	4,094	" 18th.....	1,687 50
Walnut Street.....	Seventh.....	Eighth.....	314.00	1,616	May 12th.....	731 86
Genesee.....	Between Main & Baltimore Av.	Eleventh and Twelfth.....	267.00	1,032	July 3d.....	495 36
Tracy Ave.....	Twelfth.....	South City Limits.....	4,836.00	9,409	" 1st.....	3,057 17
Gillis.....	Sixth.....	Ninth.....	740.00	15,317	" 31st.....	3,063 07
Second.....	Fifth.....	Pacific.....	680.00	23,913	" 12th.....	3,896 07
Campbell.....	Main.....	Delaware.....	300.00	3,305	Apr. 29th.....	859 12
Tenth.....	Third.....	Fourth.....	180.00	1,327	July 12th.....	392 97
Alley.....	Baltimore Ave.....	Wyandotte.....	299.00	227	Oct. 3d.....	68 05
Fifth, N. Fork.....	Blk 8, Ranson & Hopkins Add.	Sixth Street south.....	300.00	3,969	Aug. 22d.....	856 07
Fifth.....	Lydia Ave.....	East 203 feet.....	203.00	759	".....	156 41
Holmes.....	First.....	N. and S. Fork Fifth.....	420.00	5,563	Oct. 6th.....	1,164 23
Alley.....	Blk 8, Ranson & Hopkins Add.	Third.....	540.00	9,072	Dec. 18th.....	1,803 04
Missouri Ave.....	Gillis.....	Harrison to Troost Ave.....	298.50	2,108	Oct. 10th.....	482 73
Harrison.....	Nineteenth.....	Forest Ave.....	775.00	5,411	Dec. 15th.....	973 95
Jefferson.....	Seventeenth.....	Twentieth.....	471.00	4,621	" 22d.....	785 44
Penn Ave.....	Fifth.....	Eighteenth.....	602.00	6,658	Jan. 3d, '83.....	364 78
Tenth.....	Forest.....	Sixth.....	260.00	7,475	June 15th.....	1,625 79
		Tracy.....	315.00	1,273	Dec. 27th.....	394 21
		Totals.....	15,486.50	169,207		\$41,709 83
			293-100 Miles.			



TABLE NO. 9.  
STREETS AND ALLEYS IN PROGRESS OF GRADING DURING THE YEAR 1882.

STREET.	FROM	TO	Length Lin. Foot.	REMARKS.
Jefferson.....	Twelfth.....	Thirteenth.....	594.5	Begun December, 1881. 8-10 completed.
McGee.....	Elghth.....	Ninth.....	288.0	A waiting legislation.
Twelfth.....	Main.....	Central.....	1030.0	Completed since January 1st.
Alley.....	Bet. Main and Baltimore Ave	Twelfth, Thirteenth.....	427.0	Completed since January 1st.
Fourteenth.....	Broadway.....	Washington.....	385.0	Completed since January 1st.
Genesee.....	Ninth.....	St. Louis Ave.....	820.0	Completed since January 1st.
Alley.....	Block 5, Jarboe's.....		609.0	Completed since January 1st.
Fourteenth.....	Main.....	Broadway.....	1421.0	Under contract. 9-10 completed.
South Fork 5th.....	Clairmont.....	Fifth.....	244.0	Work authorized. Contract not awarded.
Penn'a Ave.....	Seventeenth.....	Kas. City and R. Boulevard.....	2359.0	6-10 completed.
Seventeenth.....	Pennsylvania Ave.....	Summit.....	602.0	8-10 completed.
Lydia Ave.....	Fifth.....	Broadway.....	1290.0	8-10 completed.
Elghth.....	Santa Fe.....	East.....	704.0	Under contract.
Fourteenth.....	Hickory.....	Henning.....	440.0	Work not begun.
Central.....	Ninth.....	Bell.....	1181.0	Under contract.
Charlotte.....	Twelfth.....	Alley south.....	273.0	Under contract.
Campbell.....	Fourthenth.....	Thirteenth.....	424.0	Work not begun.
Alley.....	Bet. Charlotte and Campbell	Fifth.....	300.0	Under contract.
Central.....	Fifth.....	Independence Ave., Sixth.....	475.0	Awaiting legislation.
McGee.....	Seventh.....	Ninth.....	1412.0	Under contract. Work not yet begun.
Charlotte.....	Independence Ave.....	Eighth.....	314.0	Work authorized. Contract not awarded.
		Pacific.....	334.0	Under contract. Work not begun.
Total.....			15896.53	Miles.

TABLE NO. 10.  
CURBING AND GUTTERING—1882.

STREET.	FROM	TO	Side.	Lin. Ft. Constructed by Property Owners.	Estimated Cost.	Lin. Ft. Constructed by Contract.	Price Per Lineal Foot.	Amount Tax Bills Issued.	REMARKS.
Sixth.....	Grand Ave.....	Locust.....	Both.	1,700	\$1,615 00		\$0 95		Private Contract.
Sixteenth.....	McGee.....	Oak.....	North.	358	447 50		1 25	\$1,992 80	"
First.....	Holmes.....	Glills.....	Both.	1,074	1,228 00	1,662	0 90	467 08	Curbing only.
Sixth.....	Delaware.....	Bluff.....	"	4,175	3,757 50	519	0 90	238 80	"
Grand Ave.....	Third.....	Ind. Ave.....	West.	1,998	2,167 80	199	1 20	104 50	Curb and gutter.
May.....	Fifth.....	Sixth.....	Both.	223	267 00	95	1 10	2,483 24	"
Santa Fe.....	Eighth.....	Twelfth.....		200	220 00	2,069	1 20	686 00	only.
Wyandotte.....	Third.....	Fifth.....	"	235	176 25	870	0 80	778 50	"
Fifth.....	Union Ave.....	Grand Ave.....	"	3,490	2,094 00	865	0 90		"
Mulberry.....	Walnut.....	St. Louis Ave.....	"	510	561 00				gutter.
Missouri Ave.....	Main.....	Grand Ave.....	"	132	99 00	428	1 15	492 55	"
Twelfth.....	Fourteenth.....	Holmes.....	"	4,305	4,735 50	231	1 23	284 13	"
Grand Ave.....	Twelfth.....	Thirteenth.....	"	980	1,235 00	25	1 25	31 25	"
"	"	"	"	987	1,159 05				"
Main.....	"	Twentieth.....	"	3,470	2,529 00	447	0 75	335 90	only.
Oak.....	Twelfth.....	Seventeenth.....	West.	796	829 40				gutter.
Wyoming.....	Delaware.....	Sixteenth.....	Both.	265	239 75				"
Ninth.....	Main.....	Broadway.....	"	1,125	787 50				only.
"	"	"	"	147	220 05				gutter.
Ind. Ave.....	Grand Ave.....	"	"	735	808 50				"
Wyandotte.....	Fifth.....	Ninth.....	"	2,745	4,112 00	335	0 99	331 65	only.
Locust.....	Eighth.....	Fifteenth.....	"	5,874	129 60	199	0 75	149 74	gutter.
Twelfth.....	Main.....	Central.....	"	141	46 80	310	0 75	232 33	"
Main.....	Eleventh.....	Twelfth.....	West.	52	40 80				"
Walnut.....	"	"	East.	52	306 00				"
Thirteenth.....	Oak.....	Locust.....	North.	306	75 00				"
"	Locust.....	Cherry.....	"	100	220 50				"
Fifth.....	Cherry.....	Holmes.....	South.	294	75 00				"
"	Locust.....	Cherry.....	"	100	3,498 00				only.
Eighth.....	Grand Ave.....	Locust.....	"	3,180					and gutter.
Fifteenth.....									
Totals.....				49,752	\$33,673 10	8,254		\$8,618 47	

9 42-100 miles.

1 56-100 miles—a total of 10 98-100 miles; cost, \$42,291 57.



I have shown in separate columns in this table the total amount of work done directly by property-owners under private contracts, pursuant of ordinances. Also the amount of work done by public contract, both being done under inspection and supervision of this department, and both being necessary to give a correct statement of total amount of work done.

From this table it will appear that about 86 per cent of the work was done by property-owners themselves. I have estimated the cost of work done in this way, when not known, at from 5 to 7½ per cent. less than the public contract price, although in some instances they were higher.

The average contract price for Curbing and Guttering last year was \$1.19.

The average price in 1881 was \$1.26 per linear foot, and the extent. put down by public contract about 2,455 feet. The native limestone is not, in my opinion, a desirable stone for this purpose, most of it becoming rotten after about 5 years exposure. A much more durable stone can be obtained at short rail haul from points in Kansas and Missouri, at only small increase in price.

## SIDEWALKS.

I submit in tables Nos. 11, 12 and 13 a record of sidewalks constructed in 1882:—

## PAVING.

The total length of all Streets as given above is.....	93	Miles.
Of which parts of 35 Streets are paved with the Telford MacAdam pavement, aggregating.....	14 $\frac{82}{100}$	Miles.
Portions of 2 are paved with cedar blocks, aggregating..	0 $\frac{98}{100}$	Miles.
Portions of 4 Streets in progress.....	1 $\frac{88}{100}$	Miles.
And 2 Alleys being paved ..	0 $\frac{14}{100}$	Miles.
Total .....	17 $\frac{82}{100}$	Miles.

TABLE NO. 11.  
SIDEWALKS CONSTRUCTED IN 1882.

STREET.	FROM.	TO.	Specification.	Constructed by Property Owners.		Constructed by Public Contract.		Am't Tax Bills Issued.
				No. Lin'l Ft.	Est'd Cost.	No. Lin'l Ft.	Price Per Lin'l Foot.	
Jefferson	Thirteenth.....	Fourteenth.....	2nd Class.....	840	378	50.0	45	22 50
Cherry.....	Tenth.....	Eleventh.....	" " " " " "	363	181 50	21.6	50	10 80
Liberty.....	Eighteenth.....	Nineteenth.....	" " " " " "	484.2	397 89	4.0	45	1 80
Locust.....	Twelfth.....	West.....	" " " " " "	24230.66	10,903 79	179.33	45	80 70
Eleventh.....	Nineteenth.....	West.....	" " " " " "			81.0	45	36 45
Holmes.....	McGee.....	Walnut.....	" " " " " "	421	181 03	40.8	43	17 55
Walnut.....	Eighteenth.....	S. Fe 1 <sup>st</sup> 35 McGee	" " " " " "	2981	1,071 45	199.5	45	89 77
Tenth.....	Fifteenth.....	Sixteenth.....	" " " " " "	73	35 04	372.5	48	178 80
Fourth.....	McGee.....	Alley E. McGee.....	" " " " " "			127.5	42	53 55
Liberty.....	Locust.....	Cherry.....	" " " " " "	461.5	230 75	106.5	50	53 25
Seventh.....	Twelfth.....	S. line Depot Add	" " " " " "	750.6	352 78	281.4	47	132 26
Fifth.....	Alley W. Wash	Broadway.....	" " " " " "	150.2	82 61	315.8	55	173 69
Wyoming.....	Campbell.....	Forest.....	" " " " " "	735.6	441 36	107.4	60	64 40
Ninth.....	Ninth.....	St. Louis.....	" " " " " "	681.4	306 63	401.7	45	180 78
Seventeenth.....	Holmes.....	Campbell.....	" " " " " "	453.75	181 50	135.0	40	54 00
Wyandotte.....	Alley S. Tenth.....	73.5' N. 11th St.	8 feet wide.....			49.0	63	30 87
Tenth.....	Walnut.....	McGee.....	2nd Class.....	343.4	137 36	119.0	40	47 60
Grand Ave.....	" " " " " "	Sixth.....	" " " " " "	348.4	156 78	119.0	45	53 55
Campbell.....	Missouri Ave.....	Ind. Ave.....	" " " " " "	421.9	206 73	40.0	49	19 60
Ninth.....	E. & W. A. R. & H. Ad	Eight.....	" " " " " "	24.5	9 80	125.5	40	50 20
Charlotte.....	Forest Ave.....	Tracy Ave.....	" " " " " "	241.0	101 22	39.0	42	24 78
Ind. Ave.....	Nineteenth.....	Twenty first.....	" " " " " "	414.0	1776 00	415.0	40	166 00
Grand Ave.....	Grand Ave.....	Forest Ave.....	12 feet wide.....	5024.82	4,220 85	580.0	84	487 20
Locust.....	Third.....	Fifth.....	2nd Class.....	428.00	188 32	181.5	44	79 86
Santa Fe.....	Thirteenth.....	Fifteenth.....	" " " " " "	537.50	212 31	272.0	39 1/2	107 43
Campbell.....	Eight.....	Ninth.....	" " " " " "	123.10	55 35	37.0	45	151 65
Tenth.....	Fifth.....	Missouri Ave.....	" " " " " "	134.00	60 30	166.5	45	74 93
Holley.....	Tracy Ave.....	Lydia Ave.....	" " " " " "	756.50	325 29	193.5	43	84 05
Fourteenth.....	Seventeenth.....	Nineteenth.....	" " " " " "	637.00	273 91	285.0	43	122 55
Eighteenth.....	Oak.....	Locust.....	" " " " " "	250.00	107 50	24.0	43	91 65
Wyandotte.....	Harrison.....	Woodland Ave.....	" " " " " "	2346.83	109 13	213.16	43	175 75
Main.....	Fifth.....	Ninth.....	12 feet wide.....			237.50	74	113 72
	Second.....	Front.....	2nd Class.....	195.00	78 00	284.30	40	83,042 01
				44281.76	22,763 18	6166 99		

TABLE NO. 12.  
SIDEWALKS CONSTRUCTED IN 1882—CONTINUED.

STREET.	FROM	TO	Specifications	Side.	Construct'd by Private Contract.		Per Lin. Ft. (Approx.)		Amount Special Tax Bills Issued.
					No. Lin. Feet.	Estimated Cost.			
Missouri Ave.	Walnut.	Grand Ave.	2d Class.	North.	259.0	\$98 42	\$0 38		
McGee.	Twentieth.	Twenty-first.	"	West.	396.0	150 48	38		
Charlotte.	Third.	Fourth.	"	"	120.0	45 60	38		
Seventeenth.	Grand Ave.	Alley west.	"	North	115.6	43 92	38		
Nineteenth.	Grand Ave.	Alley west.	"	South.	115.6	43 92	38		
Holmes.	Fifth.	Missouri Ave.	"	East.	300.0	114 00	38		
Julia Ave.	Tenth.	Eleventh.	"	Both.	770.0	292 60	38		
Grand Ave.	Fourteenth.	Fifteenth.	1st	"	837.25	942 97	1 10	Except 73.	
Twentieth.	Grand Ave.	Walnut.	2d	South.	231.0	87 85	38		
Tracy Ave.	Sixth.	Eighth.	"	East.	465.0	176 07	38		
Tracy Ave.	Eighth.	Ninth.	"	"	208.5	102 03	38		
Seventh.	Alley W. Gr'd Ave.	Grand Ave.	"	North.	122.0	46 66	38		
Penn Ave.	Ninth.	Pt. 50' south	"	West.	50.0	19 00	38		
Fifth.	Walnut.	Alley east.	Special 9 1/2	North.	127.0	48 20	38		
Fifth.	Main.	Delaware.	1st Class	Both.	508.0	624 80	1 10		
Tenth.	Vine.	Woodland.	2d	South.	623.0	236 74	38		
Seventh.	Holmes.	Campbell.	Special 9 1/2	Both.	508.0	369 20	65		
Woodland Av	Ninth.	W. to Alley.	2d Class	West.	246.0	93 48	38		
Tenth.	Forest Ave.	Tracy Ave.	"	Both.	600.0	228 00	38		
Grand Ave.	Sixteenth	Pt. 90' S. Sixt'nth	14 1/2	East.	90.0	81 00	90		
Thirteenth.	Central.	W. to Alley.	8' wide.	North.	108.0	109 20	65		
Locust.	Ninth.	Thirteenth.	1st Class.	Both.	903.5	993 85	1 10	Prtly Finish'd	
Central.	Thirteenth	Twelfth.	8'	West.	277.0	180 05	65	(Jan. 1, '83.	
					8,240.45	\$5,128 67			

## CITY ENGINEER'S REPORT.

TABLE NO. 13.  
SIDEWALKS CONSTRUCTED IN 1882—CONTINUED.

STREET.	FROM.	TO.	Specification.	Side.	Constructed by Property Owners.		Constructed by Public Contract.		Am't Tax Bills Issued.
					No. Lin'l Ft.	Est'd Cost.	No. Lin'l Ft.	Price Per Lin'l Foot.	
Broadway	Fifth.....	S. s. bridge, N. 5th	8 feet wide.....	East....	44281.76	\$22,763 18	6166.99	\$	\$3042 01
Delaware	Sixth.....	Ninth.....	1st Class.....	East....	326.00	210 27	233.33	64½	150 49
Pacific	Campbell.....	Forest Avenue.....	2nd Class.....	North....	838.00	1257 00	25.00	1 50	37 50
Highland	Ninth.....	Tenth.....	"	Both....			536.47	49½	264 66
Fifth.....	W. L. Lot 6 E. Cot.	Bluff street.....	12 feet wide.....	Both....	459.50	183 80	190.50	40	76 20
Third.....	Alley W. Wyand'te	Broadway.....	2nd Class.....	North....	1212 10	965 62	127.90	79½	101 68
McGee.....	Twentieth.....	Twenty-first.....	"	West....	19.20	8 25	536.00	43	230 48
Cherry.....	Forest Ave.....	Eleventh.....	"	West....	280.50	117 81	113.00	42	48 30
Ninth.....	Forest Ave.....	Tracy Avenue.....	"	Both....	351.00	155 76	30.00	44	13 20
Grand.....	Ninth.....	Tenth.....	"	Both....	541 00	319 19	59.00	42	24 78
Campbell.....	Independence Ave	Ninth.....	"	West....	604.70	544 23	163 30	90	146 97
Genesee	Twelfth.....	Seventeenth.....	"	Both....	733.00	359 17	470.00	49	930 30
Fourth.....	Wyandotte.....	Broadway.....	"	North....	3881.00	1630 27	251.40	42	105 59
Delaware.....	Seventh.....	Ninth.....	"	West....	440.00	193 60	270.00	44	118 80
Sixth.....	Grand Avenue.....	Locust.....	10 feet wide.....	Both....	598.00	257 14	88.00	43	37 81
Bluff.....		Broadway.....	12 "	Both....	1653.00	1041 39	105.00	63	66 15
				Total...	1389.50	1653 50	317.70	1 19	378 07
					57611.26	\$36,788 85	9685.59		\$5,073 02

Total No. Lin. Ft. Constructed (Approx) 75,537.30, 14.30 Miles, at a cost of (Approx) \$41,861.87.

The following table, No. 14, shows the location and length of all macadamized streets in the City at this date:—

TABLE NO. 14.  
LIST OF MACADAMIZED STREETS.

STREET.	FROM	TO	Length Lineal Feet.
Main.....	Levee .....	Sixteenth .....	6,235
Delaware.....	Levee .....	Ninth .....	3,066
Broadway.....	Levee .....	Twelfth.....	3,864
Bluff.....	Fifth .....	Twelfth.....	2,830
Lincoln.....	Ninth.....	Twelfth.....	1,350
Liberty.....	Twelfth.....	Seventeenth.....	2,620
Wyoming.....	Twelfth.....	Nineteenth.....	3,372
Walnut.....	Second.....	Twelfth.....	4,138
Grand Avenue.....	Levee.....	Twentieth.....	8,846
Levee.....	Grand Avenue.....	Broadway.....	2,432
Third.....	Alley E. Campbell..	Broadway.....	4,078
Fourth.....	Walnut.....	Wyandotte.....	900
Missouri Avenue.....	Grand Avenue.....	Delaware.....	920
Sixth.....	Grand Avenue.....	Main.....	705
Seventh.....	Main.....	Delaware.....	195
Eighth.....	Walnut.....	Delaware.....	455
Ninth.....	Forest Avenue.....	Main.....	4,144
Ninth.....	Santa Fe.....	State Line.....	2,548
St. Louis Avenue.....	Bluff.....	State Line.....	3,985
Union Avenue.....	St. Louis Avenue...	W. Line Turner & Co. Ad.	2,540
Tenth.....	Walnut.....	Main.....	248
Tenth.....	Central.....	Broadway.....	341
Eleventh.....	Walnut.....	Main.....	248
Twelfth.....	Cherry.....	Main.....	2,941
Twelfth.....	Bluff.....	Mulberry.....	1,190
Fourteenth.....	Grand Avenue.....	Main.....	644
Fourteenth.....	Liberty.....	State.....	1,270
Eighteenth.....	E. City Limits.....	Grand Avenue.....	5,750
Nineteenth.....	Wyoming.....	State Line.....	625
Twentieth.....	Main.....	W. Line McGee's.....	140
Independence Ave..	Grand Avenue.....	Woodland avenue.....	5 645
Total .....			78,265
Miles .....			$\frac{14.82}{100}$

No work of this kind has been done during the year.

On parts of Fifth and Sixth streets the old macadam has been taken out and replaced with cedar-block pavement. On Twelfth street also, from Main to Broadway, the macadam has been excavated in regrading the street, and it will probably be replaced during the coming season with cedar-block pavement.

All of the so called "macadamized streets" were laid under, approximately, the Telford specification—consisting of a bottom course of stone 8 inches deep, set on edge in the form of a close pavement, with 4 inches of broken stone spread on top; in no case, however, was there any special preparation of the subgrade; the paving stones were not set up closely; the macadam metal was thrown on loosely without any binding material or rolling, and the traffic turned on. The stone used has been generally of the softer grades of limestone found in and about the City. The first cost, defrayed by the property-owners on the street, was light, averaging about



\$1.75 per square yard, including some necessary light grading; but the expense to the City at large, for repairs and ineffectual maintenance, has been great, especially on the streets of heavy travel.

The first contract for paving any street in the City in any other way, was awarded August 18, 1880, to B. F. Camp, for paving that part of Fifth street from Broadway to Bluff street, with Medina stone blocks 6 to 7 inches deep, laid on 6 inches of Kaw River sand the joints between the blocks being filled with Asphalt paving cement. Owing mainly to delays on account of the contractor not getting stone delivered, and partly to the falling down of a portion of the Bluff street retaining Wall, which carried away a small portion of the street to be paved, the work was not fully completed until Jan., 1883. The contract price was \$3.50 per square yard. The City at large paid \$2,000 of the total cost, making the ratio to property-owners \$8.23 per linear foot front.

The second contract was let in February, 1882, for paving a part of Wyandotte street from Fifth to Ninth street. Specifications for this work, as finally let, called for a foundation of 3 inches of sand, with 1-inch common pine boards, and 6-inch round cedar blocks set thereon, with the interstices rammed full of sand, and surface coated with Asphalt paving cement. The price per square yard was \$1.75, and the ratio of cost to property-owners \$3.96 per foot, etc.

Table, No. 15, shows the streets on which paving was completed during the year.

The work in progress, but not fully completed at date, is given in table No. 16.

The most important work of this kind done, was the paving of Fifth street from Broadway to Grand Avenue, and Sixth street from Delaware to Bluff street—the latter not fully completed on this date.

The specifications for paving these streets required a uniform thickness of 9 inches of hydraulic cement concrete. On this foundation, with a half-inch layer of sand interposed, were set round white cedar blocks, 7 inches deep, the interstices being thoroughly rammed with screened Burlington gravel, and filled with Asphalt paving cement. All the materials used were carefully inspected, and the manner of doing the work under constant supervision I am of the opinion that this pavement combines more of the essential characteristics of a good pavement, and the best one for these streets, than any other which is available. The essential part of it is the concrete foundation, which is practically indestructible, is impenetrable to water, and affords a uniformly firm and solid support for the blocks. These blocks are not to be considered as answering any other purpose than that of supplying a wearing surface cheaper than stone, more agreeable to ride over, and less noisy to the residents on the street, and occupants of hotels, office buildings, etc. These two streets carry more traffic than any other two streets in the City, being the main avenues of travel to and from West Kansas—the manufacturing and railroad part of the City. The roadways are generally 36 feet wide, (excepting a portion of Fifth street,

TABLE NO. 15.  
STREETS PAVED DURING THE YEAR 1882.

STREET.	FROM.	TO	Lineal Feet.	Square Yards.	COST.			MATERIAL.	Special Tax Bills Issued.
					Per Sq. Yd.	Per lin'l ft. to property owners.	Total.		
Wyandotte .....	Fifth .....	Ninth .....	2,458	5,866	\$1.75	\$3.96	\$10,265.50	Cedar Bl'ks—plank foundation.	May 22d.
Fifth .....	Broadway .....	Grand Avenue...	2,246	6,422	3.25	5.52	20,871.50*	Cedar Blocks—concrete foundation.	Nov. 17th.
			5,204	12,288			\$31,137.00		
			0 98-100 miles.		*\$1,575.42 paid by City of Kansas as owner of Market Square.				



TABLE NO. 16.  
STREETS AND ALLEYS IN PROGRESS OF PAVING DURING THE YEAR 1882

STREET.	FROM.	TO	Lin'l Feet.	Square Yards.	COST.		MATERIAL.	Special Tax Bills Issued.	REMARKS.
					Per Sq. Yd.	Per lin'l ft. to property owners.			
Fifth .....	Broadway ..	Bluff .....	1,567	4,259	\$3.50	\$8.23	\$14,906.50	Jan. 11, '83.	Compl't'd since Jan- uary 1, 1883.
Sixth ... ..	Bluff .....	Delaware ...	2,381	7,649	2.96	5.68	22,641.04	Jan. 27, '83.	Compl't'd since Jan- uary 1, 1883.
Fourth .....	Delaware ...	Wyandotte.	300						No contract let.
Wyandotte..	Third .....	Fifth. ....	530		2.70				Under contract (no work done).
Alley .....	bet. Main & Walnut....	19th & 20th.	456		1.15				Under contract (no work done).
Alley .....	bet. Main & Walnut ...	8th & 9th....	287		2.85				Under contract (ma- ter'l partly deliv'd)

Total { Streets, 1 88-100 Miles.  
Alleys, 0 14-100 Miles.  
2 2-100 Miles.

which is 42 feet wide,) and are occupied in the center by double lines of street railway tracks.

The work of paving between the tracks, and 18 inches outside, a space in all of 15 feet wide, was done more or less imperfectly by the street railway companies. Sixth street has one block of 6 per cent grade, and Fifth street one of 9 per cent.

It is to be expected that the central strip, paved by the railway company, on Sixth street, will in a comparatively short time become rough and uneven. Some breaks may also be anticipated on those portions of both Fifth and Sixth streets where the roadway is formed by high embankment, 15 to 30 feet above the original surface of the ground, and no buildings are as yet constructed on either side. The settling of these banks has been going on since they were first made, and will continue until they are drained of water about foot of slopes, and held in place by foundation walls of buildings. The probable effect of the settling and spreading of these embankments will be to open longitudinal cracks along the roadway. The grading of Sixth street was only completed in July last, and the work of paving was begun at Delaware street in August. New gas and water pipes were laid in advance of paving along all that part of the street west of Broadway, and a sewer put in nearly all the distance from May to Bluff street. Some of the many excavations for these main lines of pipes and for a great many of the private connections made, may be expected to show on the surface soon after the traffic is turned on.

These two causes operating to necessitate repairs arise necessarily out of the unavoidable conditions under which the street was paved. With the exception of repairs due to these causes, I do not anticipate any repairs will be necessary for a minimum period of 5 years, when it is probable that the renewal of the cedar blocks will have to begin.

Delaware street and parts of other streets in the business portion of the City, carrying the heavy traffic, should be paved during the coming year. Under the present City Charter no work of this kind can be done except upon a proper petition therefor, signed by a majority of the resident property-owners on the street. Although this is in many respects a good provision, it has operated, especially on Main and Delaware streets, to entail a large expense on the City for repairs of old macadam pavement.

A petition has been circulated during the past year for paving Main street from Fourth to Twelfth street, asking for Medina stone pavement. Those of the property-owners having the matter in charge, have not as yet presented it to the Council for action. Petitions are also being circulated for paving Twelfth street from Main to Broadway with cedar blocks on 9-inch concrete foundation. Also for paving West Ninth street in the same manner, and Eighteenth street from Main to Woodland.

The property-owners on Penn, Washington, Wyandotte, and Locust have been considering the question of paving, but nothing definite has yet been done.

The importance of Bluff street as a general public thoroughfare connecting the two portions of the City, and the peculiar conditions of its location, along the western bluff of the City, with the railroad tracks 20 to 50 feet below it on one side, and precipitous bluffs rising from 50 to 75 feet above it on the other, are sufficient, in my opinion, to justify the paving of the street from Fifth to the Bridge, at public expense. The masonry retaining wall on the western side should also be built up to the grade of the street, and surmounted with a substantial and ornamental iron railing. I would also recommend the widening of the street 20 feet on the eastern side, the City paying one-half the expense, the other being assessed against a large area of business property.

The question of materials for street pavement has had considerable attention and investigation, as to what was available, during the past year. I do not, on general principles, recommend the adoption of any one material or kind of pavement for all streets. The best and cheapest pavement in any particular street is that one which fully meets the requirements of traffic on the street, at the lowest cost—first cost, maintenance, and ultimate cost of renewal being duly considered. These prime considerations of cost are further modified in varying degrees by considerations of hygiene, subsoil, grades, and the optional one of noiselessness. The question of first cost is mainly dependent on the accessibility or availability of natural materials used,—as sand, gravel, stone, and wood; or of artificial materials, such as asphalt—either in sheet or blocks—cement or concrete, prepared wood, etc. It follows that the question of determining what is the best pavement for each of the streets in this City, involves, primarily, a full knowledge of the character, extent, and cost of available materials.

With reference to stone I am of the opinion, from samples examined, that a suitable quality for street pavements can be obtained at several points in Kansas and Missouri, on or near lines of railroads leading directly here, and within a distance of 100 miles, or nearer. It is not expected to find a stone as uniform in quality, as easily and cheaply worked, or as durable as the granites, hard limestones, and sandstones of the Eastern States; but I do not think it is justifiable to pay an extravagant price for transporting any of these stones here, if a stone can be obtained in the vicinity that possesses to a satisfactory degree the desired qualities.

I have, in my office, shaped samples of paving-stone from Argentine, Edwardsville, Kansas, and other points near by, that are capable of carrying the heaviest traffic on any of our streets for 15 to 20 years, if properly laid down. I am decidedly of opinion that it is cheaper and better to put down a pavement of native stone on a proper foundation, and under proper specifications throughout, than to lay a pavement of inferior Medina stone blocks, on insufficient foundation, and without proper specifications and supervision. A good stone does not necessarily make a good pavement, nor inferior stone a bad pavement. It forms one part only of the pavement,—the wearing surface, and its durability and fitness for this purpose are at once the test and the reason for its use.

The most essential part of a street pavement is the foundation, or the support afforded for the wearing surface; and mainly in the care taken to provide for this part and secure its being proper and sufficient in every respect for the work it has to do, lies the difference between good and bad street pavements. Our clay soil demands special care before building upon it. In its undisturbed condition, and if properly protected from water and the action of the elements, it affords an excellent foundation for a uniformly distributed load; but when wet, it softens, dissolves, and approximates the instability of quicksand.

For streets of heavy traffic in fully built-up business parts of the City, I recommend stone, laid either on hydraulic cement concrete, or on a properly compacted and steam-rolled bed of sand or broken stones, depending on the manner of formation of roadway and degree of compactness of soil.

For streets in business parts of town not yet fully built up I recommend round cedar block laid on heavy concrete foundation.

This secures a good pavement, under increasing traffic, for several years, without excessive cost to unimproved property; and when it is time to renew the wearing surface, the street, being then fully occupied, can replace the blocks with stone, at light cost, and have a very superior pavement.

The cheapest and best wood now available for pavements is the white cedar of the Northwest. It is probable that other suitable kinds of wood will be brought into market before long, at prices that will justify their use. I do not recommend laying cheap wooden pavements. They answer a very temporary purpose, and unless frequently rebuilt throughout, make very bad streets.

For streets of only moderately heavy traffic I recommend, at this time, cedar blocks, on varying depths of concrete foundation, depending on character of roadway foundation. I do not advise the use of planks under wooden blocks. If the thickness of plank is made sufficient, and the proper means taken to secure an adequate foundation for it, the expense in this section is nearly, if not quite, equal to a properly proportioned concrete foundation of equal strength, and superior in every respect.

For streets of light traffic, cross streets in residence localities, and suburban thoroughfares not improved, I would recommend the Telford MacAdam pavement, *properly laid and properly maintained*. Care should especially be taken to use only the best and hardest stone obtainable for the wearing surface. A good quality can be brought into the City from points near by, at a small additional cost over the softer stone found in the City. It is also especially important that this kind of pavement shall have continuous intelligent supervision, repairs and cleaning.

This whole matter of repairs, and maintenance of street pavements is one requiring special knowledge and attention, and cannot, with economy or good results, be entrusted to men lacking necessary qualifications.

## GAS.

The total length of gas pipes laid to this date is  $27\frac{1}{4}$  miles.

The total number of public gas-lamps is 698.

This is an increase of  $3\frac{3}{4}$  miles in length of pipe during the past year.

I desire to call attention to an exceptional case of street improvement, being that of Sixth street from Delaware to Bluff street, a distance of 2,400 feet, with fully half of it entirely unimproved.

In August, 1881, the Council, in compliance with the nearly unanimous petition of property-owners, authorized by ordinance the re-grading of the street to a new grade, the essential feature of which was a plane from Broadway to Bluff street, with the purpose of eliminating the heavy grades existing, and making the street throughout available for business traffic and occupation. This involved a cut of about 30 feet between Washington and Penn streets, and an average of 19 feet for the whole distance of about 1,100 feet west of Broadway.

This work was begun in September, 1881, and the paving finished in January, 1883.

The total frontage of private property on both sides of the street is 3,982 lineal feet, and the assessments for work done pursuant of ordinances are as follows:—

<i>Grading,</i>	
\$4.53 per \$100 valuation.....	\$18,213 00
<i>Curbing,</i>	
\$0.90 per lineal foot.....	4,224 00
<i>Sidewalks,</i>	
\$1.19 per lineal foot.....	2,031 00
<i>Sewer,</i>	
\$1.21 per 100 square feet of area.....	2,896 00
<i>Paving,</i>	
\$5.69 per lineal foot frontage.....	22,641 00
Total.....	\$50,005 00

In addition to this amount there should be considered the sewer and water connections, sidewalk alterations and repairs, and other items of expense incurred by property-owners along the street, in consequence of new grades, etc.

## BRIDGES AND CULVERTS.

The most important work of this kind is the Bridge erected on Bluff street, crossing the railroad tracks.

The old Bridge was put up in 1872, by the King Wrought-Iron Bridge Company. It was a wrought-iron, King's patent arch truss. It had many radical defects in proportions and details of construction, and was warped out of line, shaken and racked to a dangerous degree—in short, worn out after ten years of service.

The new Bridge is 135-foot span, has two 18-foot roadways and two 5-foot sidewalks, proportioned to carry a live load of 80 pounds per square foot. It was built by the Wrought-Iron Bridge Company of Canton,



Ohio, at a cost for superstructure of \$10,404, and for additional masonry necessary, \$1,377.50. Only \$5,867.20 of this appears in the expenditure of 1882.

The work of constructing a Bridge over Turkey Creek, on the line of Liberty street extended, was completed during the summer under contract made with Geo. H. Wheelock. It is a wrought-iron truss Bridge of 100-foot span, with an 18-foot roadway and two 5-foot sidewalks, proportioned to carry a live load of 80 pounds per square foot. It is set on wrought-iron cylinders, and cost \$4,000 completed.

Owing to legal delays in the proceedings for opening and extending Liberty street to this point, and the absence of any approaches to the Bridge, it has not yet been used.

A wooden trestle Bridge was constructed on Charlotte street, crossing O. K. Creek. Two large stone arch Culverts were built over O. K. Creek at Harrison street and Forest Avenue, to replace old wooden bridges; and a smaller Culvert partially completed over McGee Spring Branch on line of Boulevard.

#### BLUFF STREET WALL.

The work of rebuilding a portion of this retaining Wall, under contract made with James Mc Menamim, in October, 1881, was completed in October last, at a total cost of \$25,563.91; of which \$18,967.41 was expended during the fiscal year beginning April, 1882.

The items of cost are as follows:—

For masonry.....	\$22,004 12
For excavation.....	2,449 79
For inspection.....	1,110 00
Total cost.....	\$25,563 91

#### CONDEMNATION PROCEEDINGS.

Table No. 17 shows ordinances passed during the year to condemn private property for public uses.

Nearly all of these proceedings, involving 1,528 parcels of private property, at a cost of over \$40,000 so far as appraised, have been made necessary or advisable in consequence of the acceptance by the City of plats of new additions, the streets and alleys of which did not conform to those adjoining, were too narrow, or even omitted altogether—the private property being subdivided only with regard to the most economical division for the owner. Many other proceedings are to be anticipated.

This work occupies more time and attention of this Department than might be supposed. It keeps one draughtsman employed nearly all the time making the necessary maps, and the 2 or 3 copies required. In addition, considerable time is occupied in attending condemnation juries, showing the property to be taken on the ground, and writing up their verdict in proper form after the amounts of damages and benefits are assessed.

TABLE NO. 17.

RECORD OF "CONDEMNATION PROCEEDINGS" FOR OPENING, EXTENDING, AND WIDENING STREETS AND ALLEYS—1882.

Number.	APPROVED	STREET OR ALLEY.	FROM.	TO.	Widening, Opening or Extension.	Length of Condemnation.	No. of Parcels in Limits.	Date Verdict of Jury was	Number.	TAX BILLS ISSUED.	AMOUNT DAMAGES OR BENEFITS.	REMARKS.
21523	Sep. 29, '81	Washington	Sixteenth to Seventeenth.		Widening	202.5	69	June 5, '82.	22480		\$ 1,640 00	In judgm't Circuit C.
22021	Sep. 3, '82	Ind. Ave.	Grand Avenue to Walnut Street.		Opening	285.6	350	June 30, '82			7,375 00	In judgm't Circuit C.
21524	Sep. 3, '81	Lydia Ave.	Independence Avenue to Ninth Street		Opening	1,235.0	55	June 30, '82			250 00	
21526	Sep. 3, '81	Alley	Block J, Lockridge Addition.		Opening	462.5	28	June 30, '82	22666	July 31, '82	470 00	
21528	Sep. 3, '81	Alley	17th to 18th, Oak and Locust.		Widening	540.0	38	June 30, '82	22664			
21779	Dec. 6, '81	Alley	Block 4, King & Bouton's Addition		Opening	698.5	57	May 20, '82	22857			Pending.
21800	Dec. 23, '81	Wyoming	Nineteenth Street south.		Extension	820.0	70	Nov. 25, '82	22452	Sep. 21, '82.	7,500 00	In progress.
21852	Jan. 9, '82	Central	Fifth Street south.		Widening		3	Aug. 7, '82	22877		4,850 00	In progress.
21955	Feb. 8, '82	Grand Ave.	Twentieth Street south.		Extension	1,373.0	50					Pending.
22108	March 23, '82	Main	Ninth to Tenth Street.		Widening	367.0	12					
22143	April 14, '82	Alley	12th to 13th, bet. Holmes and Charlotte		Opening	422.0	36					
22157	April 14, '82	Fourteenth	McGee's Addition to Campbell		Extension	555.0	23	Dec. 20, '82.	23587		2,000 00	{ Verdict rendered, bills not yet issued.
22181	April 17, '82	Ninth.	St. Louis Avenue east.		Extension	230.0	155	Sept. 4, '82	23014		918 75	In judgm't Circuit C.
22280	May 10, '82	Alley	From Lot 118 Hurek's Sub. south.		Widening	713.0	40					Pending.
22416	May 20, '82	Wyandotte	Eighth to Ninth Street.		Widening	132.0	137	Nov. 2, '82	23343	Dec. 7, '82.	4,545 00	
22464	June 7, '82	Nineteenth	Main Street to Alley west.		Opening	346.0	11	Nov. 25, '82	23454		1,300 00	
22474	June 6, '82	Alley	16th to 17th, bet. McGee and Oak.		Opening	387.0	22	Dec. 12, '82.	23537		1,357 00	
22529	June 25, '82	Alley	9th to 10th, bet. Holmes and Charlotte		Opening		27	Dec. 12, '82.	23535		11,014 00	Appealed.
22554	June 19, '82	Lydia Ave.	Twelfth to Eighteenth		Opening } & Ext'n }	2,908.0	327					Pending.
22746	July 15, '82	Fourteenth	Madison Avenue to Driggs		Extension	280.0	115					
23059	Sep. 8, '82	Fifth	At Fifth and Bluff.		Widening	30.0						
23417	Nov. 13, '82	Lydia Ave.	Pratt's Addition to Twelfth Street.		Widening							
23405	Nov. 25, '82	Flora Ave.	Twelfth to Eighteenth		Wid'ing } & Op'n'g }							In progress.
23594	Dec. 20, '82	Alley	Block 1 Rice's Addition.		Opening							In progress.
23595	Dec. 20, '82	Alley	Bl'k 4 & 5 Rice's Ad., & 4, 5, R. & H. Ad.		Opening							In progress.
23596	Dec. 20, '82	Charlotte	Thirteenth to Seventeenth		Opening							In progress.
23598	Dec. 20, '82	Walnut	Ninth to Twelfth.		Widening							In progress.
23601	Dec. 30, '82	Sixteenth	Submit to Jarboe.		Widening							In progress.
23605	Dec. 30, '82	Seventie'nth	Submit to Driggs.		Widening							In progress.
21527	Sep. 29, '82	Driggs	Hope and T. Add. to Lotis' Add.		Widening	11,986.5	1,528				\$43,219 75	In progress.
						2	270-1000 mls					



## NEW ADDITIONS AND SUBDIVISION.

The following table No. 18 shows all the Additions and Subdivisions of private property made by plat during the year:—

TABLE NO. 18.

# RECORD OF ADDITIONS TO THE CITY OF KANSAS, 1882.

NAME OF ADDITION.	No. of Acres.	No. of Lots.	Length of Streets. Lineal Feet.
G. G. Vest's.....	2.00	26	.....
Laurel Hill.....	2.53	31	390
A. H. Hoge's Resurvey.....	1.49	18	211
Holmes Subdivision.....	.24	6	.....
Home Park.....	3.91	36	764
Anderson's Subdivision.....	1.16	8	.....
Loring's Subdivision Resurvey.....	2.51	27	521
Troost's Second.....	7.25	10	.....
O. C. Day's.....	4.72	53	1,056
Central Place.....	1.53	18	.....
Dundee Place.....	96.00	820	19,818
Coleman's First.....	20.00	95	2,512
Sunny Side.....	3.10	37	328
Henkle's Subdivision.....	.31	6	.....
Connell's First.....	.56	8	.....
Tracey's First.....	6.40	30	174
Convent Place.....	2.73	27	.....
D. M. Jaboe's Subdivision.....	1.69	22	.....
Totals .....	158.13	1,278	24,774
Miles of Streets.....			4.69

## DEPARTMENT ORGANIZATION.

On assuming charge of the Department in April last, I found the organization and all arrangements very deficient and inadequate for the proper conduct and administration of the large amount of public business devolving upon it.

The office accommodations were especially inadequate, being limited to one small room in the old Court-house building adjoining the Police Court, and inevitably subject to much unnecessary inconvenience and annoyance.

I proceeded immediately to re-organize the Department. The office was moved to present quarters, corner of Sixth and Delaware streets, convenient to the business portion of the City, occupying at first three rooms, and subsequently an additional one was found necessary for draughting-room. These were provided with necessary fixtures. I also purchased some new Engineering instruments and supplies.

The Organization of the Department and Salaries paid are as follows:—

City Engineer, at salary of \$2,000 per annum; he is also Water Commissioner at \$100 per annum. He is also charged with the duties of Superintendent of Buildings without additional salary.

Assistant City Engineer at salary of \$1,500 per annum. In addition to general executive and advisory duties, he has special charge of all street-improvement works, directs the work of all assistants in the field operations of laying out, supervising, and measuring up all this work; and of the office-work, calculating quantities, and making out estimates.

One Assistant Engineer was engaged during the year at a salary of \$100 per month, who was occupied almost exclusively on Sewer work; giving the necessary lines, grade stakes, etc., during construction, and making measurements and final estimate of amount of work done under each contract.

The regular Assistants for field work are: One Leveler at \$75 per month, and 3 Rodmen and Chainmen at \$50 per month. This force is increased or diminished according to extent of work in progress.

The regular force of office Assistants consists of 1 Chief Draughtsman at \$100 per month, who has charge of all work done in draughting-room, making all maps, plans, etc., for Sewers and works advertised or in progress, and keeping up all record maps. There is also 1 Assistant Draughtsman at \$60 per month, engaged mainly on condemnation maps, tracings, etc., for opening, widening, and extending streets and alleys. He also makes copies of all plats of new additions to the City, and prepares sheets, and canvasses petitions presented for grading streets and alleys, removal and repairs of buildings, etc. There is one Chief Clerk at \$75 per month who writes out all permits, special tax bills, letters, notices, and does a large amount of other clerical and office work connected with the records of the Department, and furnishing information to property-owners.

The force of Inspectors is composed of 1 Superintendent of Construction at \$100 per month, and a number of Assistant Inspectors, varying from 2 to 6 during the past year, according to work in progress, at \$2.50 per day. He is especially charged with the duty of seeing that all the materials used in the construction of Public Works are of good and satisfactory quality, and that the workmanship thereon is good, and in every respect according to the plans and specifications. Each Inspector makes a written report at the end of every week, which is revised by the Superintendent and submitted to the City Engineer. These reports show the force engaged, condition of progress, and other matters relating to the particular work or works of which he has charge.

The necessity and importance of the force of Inspectors cannot be too highly estimated. It is fully recognized and provided for, more or less effectually, in every large city in the country, and by every corporation spending money for public improvements. To neglect to provide for the proper execution of public works executed by contract, is certain to cost the City a large amount of money for repairs and re-construction of works

that fail because of bad materials and poor workmanship. Other cities have suffered largely in this respect. Here, also, we have had at least one costly lesson in the falling down of the Bluff street retaining Wall, and may reasonably expect others, as a natural consequence of a neglect prevailing during previous years.

#### ENGINEERING AND SUPERVISION.

The total expenditures for all Salaries in the Engineer's Department during the year amount, as per following statement, to \$13,927.75, being  $4\frac{8}{10}\frac{7}{10}$  per cent of the total amount of Public Works *fully completed* on January 1, 1883.

Of this percentage  $3\frac{6}{10}\frac{4}{10}$  is for Engineering, and  $1\frac{2}{10}\frac{3}{10}$  for Inspectors salaries on all kinds of work. The ratio of Sewer inspection is  $2\frac{4}{10}\frac{4}{10}$  per cent of the cost of the work done, omitting cost of works in progress during the year but not fully completed January 1, 1883, which amounted to 25,800 as above estimated, or about 30 per cent additional to the total reported completed.

In St. Louis, during the last fiscal year, the cost for inspection on Sewers was  $5\frac{1}{2}$  per cent, and engineering on Sewers alone about  $3\frac{1}{2}$  per cent additional.

I consider it especially important that the construction of Sewers should have the most careful supervision, to secure good and faithful work in every particular.

Most of the old Sewers, in consequence of a neglect to provide adequate supervision, are notably defective in not being put down to proper grades, and in the absence of many spurs for house-connections, as marked on plan. This results in disappointment to property-owners in not being able to fully drain cellars, and in injury to the works by reason of the necessity of "breaking into" many pipe Sewers to make house-connections.

In fact, there is no kind of public work where the effect of bad materials and poor and negligent work is more pernicious to a community than in the construction of its sewers, and this City will be fortunate if it profits by the experience, and escapes the costly consequences of neglect that other cities have suffered.

#### SURVEYS AND MAPS.

The absence of a correct topographical map of the City is a serious inconvenience, and cause of much extra work and difficulty in getting up plans and specifications for public works. It is a matter of importance that there should be a correct survey of the City, locating and monumenting all street lines that are now imperfectly marked, and establishing them with certainty and precision. This work cannot be done in any one season, owing to its extent and the natural topographical difficulties. It involves a great deal of careful surveying over rugged country, and, in the office, a painstaking and laborious collation of information bearing on old and obscure lines; together with a careful consideration of the legal effect of errors made and perpetuated.

The very broken character of the ground inside the City limits, and the very careless and inefficient manner in which the surveying and subdi-

vision was done, have combined to render this City probably the most inaccurately laid-out City in the Union. In view of the rapidly increasing value of property, it is of paramount importance that all the lines should be definitely fixed by substantial stone monuments, and a proper record-survey map made.

#### SPECIAL TAX-BILLS.

The methods prescribed by the Charter, of paying for construction of public works by the issuing of Special Bills of Assessment against the property liable, by law, to be charged with the cost thereof, have, I think, some defects which are not necessary or inherent in this system, and which may be obviated by additional legislation. The principal evil arises from the fact that the City has no control over the Bills after delivering them to the contractor. It consequently frequently happens that the parties holding the Bills purposely deferred all attempts at collection until the expiration of the 30 days, when the penalty of 10 to 15 per cent has accrued. There is no legal provision for notifying the owners of property against which these Bills are issued, of the fact.

I would recommend some provision for giving notice of special assessments; and I would also recommend an amendment to the ordinances, whereby any owner might pay to the City Treasurer the amount of any Special Tax, as shown by the record books in this office, receiving therefor a receipt which shall be sufficient to satisfy the record against the property, and be a bar against any claims.

I have endeavored, to the full extent of my legal power, with the view of reducing the cost of work paid for in Special Tax-bills, to give such security to capitalists as would render them safe in advancing money to contractors for the construction of public works on assignments of Tax-bills, and am able to report that a very much larger amount has been advanced in this way than ever before, without, so far as I know, a single case of default. Some additional legislation would, I think, be advisable in this matter.

I take this opportunity to express my thanks to His Honor, Mayor Bullene, and to those members of the Common Council who have supported me in the re-organization of the Department in administrative reforms, and afforded additional facilities which I have desired, in the best interests of the public, for carrying on the work. The duties of the office, under all the circumstances, have been onerous in the extreme, owing essentially to the rapid growth of population and the delayed condition of all public improvements. These natural difficulties are intensified by the accumulated neglect of previous City Councils to provide, adequately, for the proper conduct of the Engineering Department, and by restricting and overruling the judgment of the Engineer in matters of professional judgment and knowledge. I desire, also, to thank Assistant City Engineer Mr. A. A. Holmes for valuable and efficient assistance, and to express my obligations to all employes of the Department for faithful performance of their duties.

Respectfully submitted,

WM. B. KNIGHT, City Engineer.

## WATER COMMISSIONER'S REPORT.

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OFFICE OF WATER COMMISSIONER, }  
CITY OF KANSAS, January 1, 1883. }

TO THE HONORABLE MAYOR AND COMMON COUNCIL OF THE CITY OF KANSAS.

GENTLEMEN: I beg to report as follows on matters relating to this Department:—

The total length of Water-Pipes laid in the City prior to January 1, 1882, was.....  $32\frac{47}{1000}$  miles  
Length laid during 1882.....  $8\frac{514}{1000}$  miles

Total laid to date.....  $40\frac{561}{1000}$  miles

An increase of about 25 per cent in length during the year—making  $22\frac{1}{2}$  miles beyond the 18-mile limit.

Number of service taps at this date.....	2,767
Number of gallons pumped in 1882.....	957,249,800
Average daily consumption in 1881 .....	2,627,602
Average daily consumption in 1882.....	3,407,840
Total present pumping capacity per day.....	11,000,000
Number of Hydrants set on 1st 18 miles of pipe prior to Jan. 1, 1882.....	219
Set during 1882 on 1st 18 miles.....	25

Total number on 1st 18 miles.....244

Number of Hydrants set on lines of pipe beyond the 18 mile limit prior to passage of Amended Ordinance, Feb. 12, 1877.....	44
Number set subsequent to Feb. 12, 1877.....	88

Total number of Hydrants set.....376

According to the terms of the amended ordinance of February 12, 1877, the City agreed to pay the Water-Works Company \$33,000 per annum for the rental of all Hydrants located on the first 18 miles of pipe laid up to the number of 300. At that time there was only 217 of these located. In January, 1882, the City, on report of Water Commissioner and Chief of Fire Department, located 48 additional Hydrants on what was supposed to be



the first 18 miles of pipe. As a matter of fact, however, only 34 were actually on the old pipe, the balance being on new pipe beyond the limit. The Company has set as above 25 of the 34, and have agreed to set the remainder as soon as the frost is out of the ground. A few additional Hydrants may be set on lines of old pipe as a matter of additional convenience, but it is doubtful if the maximum number of 300 will be required.

In accordance with a provision of the contract between the City and the National Water-Works Company, a revision of annual water rates to be charged by the Company was made, and went into effect January 1, 1883.

The contract provides that the "Private water rates to be agreed upon between said Company and the agent or agents of the City, which rates shall not be higher than the average charge of St. Louis, Mo., Louisville, Ky., Memphis, Tenn., Quincy, Ill., subject to revision of such rates by the Company and agent or agents aforesaid every three years."

In order to determine what was the "average charge" in the four cities named, I visited each one in company with the Superintendent of the Water-Works Company, Mr. B. F. Jones, and new rates were agreed upon for every item of charge appearing in the *old* schedule. We were, however, unable to agree as to the making of a new and special meter rate for water used for manufacturing purposes, and for water used for Elevator and Hydraulic motors. The matter was finally submitted to arbitration, Col. Kersey Coates kindly consenting to act at my request, and Mr. Howard M. Holden on request of Maj. Jones. After hearing all the arguments in the case, an agreement was effected making a special manufacturing meter rate, but no Elevator rate could be agreed upon.

The new rates are as follows:—

REVISED ANNUAL WATER RATES, JANUARY 1, 1883.

Alcohol, each Barrel manufactured, meter or.....	\$ 15
Ale Cellar.....	12 50 to 45 00
Bakery, each Barrel Flour used Daily.....	5 00
Bar-Room.....	12 50 to 45 00
Barber Shop, first Chair.....	7 00
“ “ each additional Chair.....	3 25
Bath, Private—cold, each tub.....	4 00
“ “ hot, each tub.....	5 00
“ Boarding-House—cold, each tub.....	5 00
“ “ “ hot, “ “.....	5 00
“ Hotel and Public, each tub.....	13 75
Brewery, each Barrel Brewed, Meter or.....	15
Beer House.....	12 50 to 45 00
Billiard Saloon, each Table.....	3 00
Boarding House and Tenement, per cent more than Private Residences, for same number of Rooms.....	45
Book-Bindery..... per hand 2 00, or minimum.....	15 00



Brick-Work, per thousand, Kiln Count.....	10
Brick-Yard, each Table or Gang, for season.....	19 50
Church.....	5 00 to 10 00
Candle Manufactory, Special or Meter ..	.....
Candy " " " " ..	.....
Cigar " per hand.....	2 00, minimum... 15 00
Coffee Saloon.....	12 50 to 45 00
Confectionery.....	15 00 to 100 00
Concrete, per cubic yard.....	15
Cow.....	2 00
Distillery, each Barrel Distilled, Meter or.....	10
Dyeing or Scouring, Meter or.....	15 00 to 100 00

*Fire Protection Stand Pipes, to be used only in case of fire:—*

4-inch Attachment, each per annum.....	100 00
3 " " " " " ..	57 00
2 " " " " " ..	25 00
1½ " " " " " ..	15 00
1¼ " " " " " ..	10 00
1 " " " " " ..	6 00

Forge.....	4 00
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Fountain, Special Contract, according to Size and Number of Jets used, not over 5 hours daily 7 months per year, each 1-16 inch jet.....	15 00
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Hall, Special or Meter Rates.....	7 00 to 20 00
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Hat Manufactory, per hand.....	2 00
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Hose, for Private Stables, not less than.....	5 00
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" " Livery " " " " (Meter).....or.....	50 00
--	-------

" " Sprinkling Streets and Lawns, including washing Fronts  
and Sidewalks, 20 cents per lineal foot up to 50 feet, and 15  
cents per lineal foot for additional front.

Hose not allowed for any purpose except where whole premises are  
rated.

Hotel, Special or Meter Rates, or per room .....	1 25
--	------

Ice Cream Saloon.....	15 00 to 100 00
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Labratory, by Meter.

Laundry, " " or .....	15 00 to 20 00
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Locomotives, by Meter.

Machine Shops, Special or Meter, or per Horse-Power.....	5 00
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Malting, by Meter.

Office or Bank.....	5 00 to 20 00
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Packing-House, Special or Meter Rate.

Photographing.....	10 00 to 25 00
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Plastering, per Square Yard.....	½c
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Printing Office, 2 00 per hand or minimum.....	10 00
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Railroads, Special or Meter.

Rectifying Whisky, by Meter.

Residence, no Connection less than.....	4 25
“ for 1 Room.....	4 25
“ “ 2 Rooms.....	5 00
“ “ 3 “.....	5 25
“ “ 4 “.....	6 00
“ “ 5 “.....	6 75
“ “ 6 “.....	8 00
“ “ 7 “.....	9 00
“ “ 8 “.....	9 50
“ “ 9 “.....	11 00
“ “ 10 “.....	11 50
“ “ 11 “.....	13 00
“ Each Additional Room.....	95

Charges same for use of Yard Hydrant as if in the House.

Restaurant, per Table, 1 25 or.....	15 00 to 100 00
Saloon.....	12 50 to 45 00
Schools, each Scholar.....	05
Slaughter House, by Meter.	
Soap Factory, “ “	
Soda “ “ “	
Sprinkling-Carts, per Cart of 250 Gallons, per month.....	18 00
Sprinkling-Carts, per Cart of 550 Gallons, per month.....	33 00
(Cincinnati Rules and Rates to Govern.)	
Stable, Private, per head, not including the use of Hose.....	2 00
“ “ Livery and Sale, ” per Stall, Meter or.....	2 00
Starch Manufactory, Meter Rates.	
Steam Boiler, by Meter or per Horse-Power.....	5 00
Stock Yards, Special or Meter Rates.	
Stone Work, per perch of 16½ Cubic Feet.....	04
Stores and Shops.....	5 00 to 20 00
Tobacco Manufactory, minimum rate \$10 by meter or per hand.....	2 00
Urinal Basins, Private.....	5 75
“ “ Public.....	10 00
Vehicles, spring, no hose attachments.....	2 00
Vinegar, by Meter.	
Water Closet, Private Residences, each seat.....	4 60
“ “ Stores and Offices, “ “.....	5 50
“ “ Hotels and Public Places, each Seat.....	9 00
Washing Bottles, Special or Meter Rates.	
Wine Cellar, “ “ “ “ or.....	12 50 to 45 00

#### GENERAL METER RATES:

When quantity used averages 1,000 gallon per day (per 1,000 gallons)	35
When quantity used averages from 1,000 to 2,000 gallons per day (per 1,000 gallons).....	31
When quantity used averages from 2,000 to 3,000 gallons per day (per 1,000 gallons).....	30

When quantity used averages from 3,000 to 5,000 gallons per day (per 1,000 gallons).....	25
When quantity used averages from 5,000 to 10,000 gallons per day (per 1,000 gallons).....	20
When quantity used averages from 10,000 to 30,000 gallons per day (per 1,000 gallons).....	15
When quantity used averages over 30,000 gallons per day (per 1,000 gallons).....	15
Thirty per cent off to charitable institutions.	

## METER RATES FOR WATER USED FOR MANUFACTURING PURPOSES.

When quantity used averages 1,000 gals. per day or less, per 1,000 gals.	.24½
" " " " 1,000 " to 2,000 per day, per 1,000 "	.22
" " " " 2,000 " " 3,000 " " " 1,000 "	.21¾
" " " " 3,000 " " 4,000 " " " 1,000 "	.21
" " " " 4,000 " " 5,000 " " " 1,000 "	.21
" " " " 5,000 " " 6,000 " " " 1,000 "	.18½
" " " " 6,000 " " 7,000 " " " 1,000 "	.18½
" " " " 7,000 " " 8,000 " " " 1,000 "	.18½
" " " " 8,000 " " 9,000 " " " 1,000 "	.18½
" " " " 9,000 " " 10,000 " " " 1,000 "	.18½
" " " " 10,000 " " 15,000 " " " 1,000 "	.15½
" " " " 15,000 " " 20,000 " " " 1,000 "	.15
" " " " 20,000 " " 25,000 " " " 1,000 "	.15
" " " " 25,000 " " 30,000 " " " 1,000 "	.14¾
" " " " over, " " " 1,000 "	.13

## METER RATES FOR HYDRAULIC ELEVATORS AND MOTORS.

(Fixed by the Company.)

When quantity used averages 35,000 or less, per month.....	.30
" " " " 35,000 to 100,000 per month.....	.25
" " " " 100,000 " 200,000 " .....	.20
" " " " 200,000 " 300,000 " .....	.15
" " " " 300,000 " 400,000 " .....	.12½
" " " " 400,000 " 600,000 " .....	.10
" " " " 600,000 or over.....	special.

These rates are uniformly lower than the old schedule rates, the percentage of decrease being as follows:

On rates for use of water in and about private residence, 10 to 29 %.

On other principal items of charges 17 to 50 %.

On general meter rate, 25 to 45 %, and a new meter rate for manufacturing purposes, 36 to 61 % lower than the old general rate applicable to this purpose.

The reduction effects principally the large numbers of small householders in the City, and others who had been paying the regular list charges of the old schedule.

The new schedule rates are in some cases higher than the old *special*

rates made by the Company to certain consumers. The Company declined to make the same special reduction from new list rates as they did from the old schedule, but charged all consumers the regular schedule rates, thus making the charges to a favored class higher than before. It is however, to be expected that the Company will shortly make the same reductions from new schedule as they did from the old to the same class of consumers. This arbitrary inequality in charges is contrary to the best interests of the people, but seems to be inevitable in all cities where the water-works are owned and operated by private companies. The best system is to have the rates carefully adjusted and fixed at the lowest figures, and adhere strictly to them.

The ordinary working pressure at the pumps is 130 pounds per square inch, and fire pressure, 150 to 200. The works are not sufficient to furnish the fire protection called for by the contract.

The special committee of expert Hydraulic Engineers reported nearly two years ago, after an examination of the works, that an attempt to throw the fire streams called for would be so dangerous to the safety of the works that it should not be attempted.

In my opinion it is not wise or advisable on any grounds to rely entirely on direct pressure from the pipes for fire protection. While the capacity of the pumps, and the strength and size of the pipes may be sufficient for a few years to meet the ordinary requirements for small fires, there is always the liability, common to all cities, of large conflagrations. Then the strain on the works will be severe and continuous; and it is at this time, when most needed, that a break of pipe or machinery is most probable to occur, or an insufficiency of size of pipe be made manifest.

It is no more than ordinary prudence demands that the City should not take the risks of this system.

I recommend the immediate purchase of three portable steam fire engines. Some satisfactory arrangement can probably be made with the National Water-works Company to reimburse the City for the cost and use of engines in consideration of a modification of their contract as to the fire pressure required.

Respectfully submitted,

WM. B. KNIGHT,  
*Water Commissioner.*

# REPORT OF SUPERINTENDENT OF BUILDINGS.

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OFFICE OF SUPERINTENDENT OF BUILDINGS,  
CITY OF KANSAS CITY, JANUARY 1, 1883.

TO THE HONORABLE MAYOR AND COMMON COUNCIL OF THE CITY OF KANSAS :

GENTLEMEN : I beg to report as follows for the calendar year of 1882 :—

The total number of Building Permits issued was ..... 1,064

Total estimated cost of Buildings erected and Repaired was.....\$2,001,083

The proportion of wood and brick buildings and feet frontage involved is as follows :

Brick, 675 Permits.....12,626 lineal feet frontage.

Wood, 389 " ..... 4,016 " " "

16,642 " " "

I have been unable, owing to the demands on my time as City Engineer, to give adequate attention to the duties of this office.

The amount of money expended each year on buildings, and the public importance of executing the building laws fully justify, in my opinion, the appointment of the proper officer for these duties as contemplated by the ordinances.

The law contains many good and proper provisions regulating the construction and repair of buildings, the enforcement of which cannot be neglected without serious results. The City could readily, and properly, reimburse itself for the additional expense necessarily involved by charging a small fee for all permits issued.

Respectfully submitted,

WM. B. KNIGHT,  
*Superintendent of Buildings.*













CITY FINANCES.

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SEMI-ANNUAL REPORT

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—OF—

CITY COMPTROLLER,

CITY OF KANSAS, MO.

JUNE 30, 1885.

—WITH—

COMPTROLLER'S SUPPLEMENTAL REPORT,

—FOR—

First  $2\frac{1}{3}$  Months of Fiscal Year, 1885.

AND REPORTS OF CITY OFFICIALS FOR FISCAL YEAR 1884.

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Submitted to the Mayor and Common Council.

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KANSAS CITY, MO.:  
PRESS OF RAMSEY, MILLETT & HUDSON.  
1885.





## CITY GOVERNMENT—1885.

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### MAYOR.

JOHN W. MOORE.

### ALDERMEN.

#### FIRST WARD.

PATRICK O'ROURKE.

JAS. A. FINLAY.

#### SECOND WARD.

J. K. DAVIDSON.

W. O. COX.

#### THIRD WARD.

A. G. KESLER.

C. C. WHITMEYER.

#### FOURTH WARD.

JOHN SALISBURY.

G. W. TOURTELLOT.

#### FIFTH WARD.

J. M. FORD.

C. E. MOSS.

#### SIXTH WARD.

JOHN MCCLINTOCK.

J. J. GRANFIELD.

### CITY CLERK.

H. P. LANGWORTHY.

Asst. Clerk, F. A. DARTT.

### CITY TREASURER AND COLLECTOR.

G. W. JONES.

Clerk, CHAS. N. SEIDLITZ.

### CITY AUDITOR.

B. D. WEST.

Clerk, H. H. WEST.

### CITY RECORDER.

J. H. WORTHEN.

Clerk, E. L. GREENWOOD

### CITY ATTORNEY.

JOHN J. CAMPBELL.

### SUPERVISOR OF REGISTRATION.

BENEDICT WAIBEL.

### CITY COUNSELOR.

EDWARD L. SCARRITT.

Assistant, W. A. ALDERSON.

### CITY COMPTROLLER.

NATHANIEL GRANT.

Clerk, A. E. THOMAS.

### CITY ENGINEER AND WATER COMMISSIONER.

B. R. WHITNEY. Clerk, J. A. TIERNAN, Asst. Clerk, WM. VINCENT.

## POLICE DEPARTMENT.

## POLICE COMMISSIONERS.

JOHN W. MOORE, Mayor.

GEO. M. SHELLEY.

H. H. CRAIG.

Clerk, W. O. HUCKETT.

## CHIEF OF POLICE.

THOS. M. SPEERS.

Clerk, WM. SPRAGUE TAYLOR.

## SUPERINTENDENT OF BUILDINGS.

T. R. TINSLEY.

Clerk, JAS. S. SMITH.

## CITY PHYSICIAN AND SANITARY SUPERINTENDENT.

JOHN FEE, M. D.,

## CLERK OF BOARD OF HEALTH.

H. B. WOOD, M. D.

## CITY ASSESSOR.

THOMAS H. EDWARDS.

## STREET COMMISSIONER.

JAMES W. UNDERWOOD.

## LICENSE INSPECTOR.

CALEB HUESTIS.

## INSPECTOR OF WEIGHTS AND MEASURES.

FREDERICK BUEHLER.

## SUPERINTENDENT OF WORK-HOUSE.

THOMAS PHELAN.

## MARKET MASTER.

JOHN FLEMING.

## ELEVATOR INSPECTOR.

G. SARTWELL.

BOILER INSPECTOR.

THOMAS CODY.

CHIEF OF FIRE DEPARTMENT.

GEO. C. HALE.

Ass't. Chief, JOSEPH MCARDLE. Master Mechanic, EDWARD TRICKETT.

PUBLIC IMPOUNDER.

C. M. MEEK.

SERGEANT-AT-ARMS.

CHAS. E. FRADENBERG.

JANITOR.

WM. JOHNSON.

# ORGANIZATION.

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President of Common Council.....JOHN MCCLINTOCK.  
 Clerk.....H. P. LANGWORTHY.

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## STANDING COMMITTEES.

	RULES.	
McClintock.	Ford.	Granfield.
	FINANCE.	
Davidson.	Tourtellot.	Moss.
	CLAIMS.	
Moss.	Davidson.	Salisbury.
	PUBLIC IMPROVEMENTS.	
Cox.	Salisbury.	Finlay.
	STREETS AND ALLEYS.	
Kesler.	Tourtellot.	O'Rourke.
	PUBLIC BUILDINGS AND GROUNDS.	
Tourtellot.	Whitmeyer.	Cox
	SANITARY.	
Ford.	Finlay.	Davidson.
	FIRE DEPARTMENT.	
Granfield.	Kesler.	Tourtellot.
	WATER-WORKS.	
Salisbury.	Moss.	Whitmeyer.
	GAS.	
Finlay.	Ford.	Davidson.
	APPOINTMENTS.	
Whitmeyer.	Ford.	O'Rourke.
	WORK-HOUSE.	
O'Rourke.	Kesler.	Moss.
	ORDINANCES.	
Ford.	Kesler.	Granfield.
	AUDITING.	
City Auditor.	Cox.	Whitmeyer.

CHAS. E. FRADENBERG, Sergeant-at-arms.

# COMPTROLLER'S REPORT,

## City of Kansas, State of Missouri.

TREASURY DEPARTMENT, COMPTROLLER'S OFFICE, }  
CITY OF KANSAS, MO.,                      JULY, 1885. }

*To the Honorable the Mayor and Common Council of the City of Kansas:*

GENTLEMEN,— As required by the Charter and Ordinances, I herewith present my eleventh semi-annual report upon City Finances, covering operations for the six months ending June 30, 1885; embracing general cash and warrant accounts, financial tables, detailed statements of expenditures and unexpended appropriation balances for contract work and condemnations, and City Debt statement.

The heavy advance tax payments made during May and June, to secure the rebates allowed thereon (such rebates amounting to \$20,097.99), together with large miscellaneous cash receipts, indicate general prosperity and maintain the usual healthy condition of the treasury.

### SYNOPSIS OF CASH ACCOUNT.

1885.

Jan. 1.	Cash balance in the treasury.....	\$286,658 65
	Collections to:	
June 30.	For Bond and Interest fund.....	\$ 57,104 11
	“ Sinking fund.....	57,804 08
	“ Delinquent Tax fund.....	95 04
	“ Condemnation fund.....	45,727 15
	“ General fund.....	296,402 84
	Total collections.....	457,133 22
	Total to be accounted for.....	\$743,791 87

## COMPTROLLER'S REPORT,

## Disbursements to:

June 30.	From Bond and Interest fund.....	\$ 39,174 00
	“ Delinquent fund.....	402 77
	“ Condemnation fund.....	41,427 62
	“ General fund Departments...	203,913 46
		<hr/>
	Total accounted for.....	\$284,917 85
		<hr/>
June 30.	Cash balance in treasury.....	\$458,874 02
	Deduct Warrants outstanding. ....	68,694 01
		<hr/>
“ “	Available Cash balance in the treasury	\$390,180 01

## WARRANT ACCOUNT.

1885.		
Jan. 1.	Warrants outstanding ....	\$ 57,684 45
June 30.	Warrants issued for expenditures..	214,923 02
		<hr/>
	Total.....	272,607 47
June 30.	Warrants paid and cancelled.....	203,913 46
		<hr/>
June 30.	Warrants outstanding.....	\$ 68,694 01

## BONDS.

No city bonds have matured since my last report ; hence none have been paid, except an over due miscellaneous bond of \$7.50, which leaves the bonded debt outstanding.....	\$1,045,121 25
Deduct balance in the Sinking fund, held for payment of City Bonds.....	81,566 22
	<hr/>
Actual City Debt June 30th.....	\$ 963,555 03

## SINKING FUND.

There is now in the Sinking fund \$15,000 in Jackson County school bonds, and \$66,566.22 in cash. This last amount, as required by the Charter, must be invested by the Comptroller either in bonds of the City, *at par or less*, or in bonds of the United States, the State of Missouri, or of Jackson County, at their lowest market rates. As no bonds of the City fall due until July 1, 1890, and as City bonds not due are worth from ten to twenty per cent premium, accord-



ing to the periods of maturity, the investment must necessarily be made in the other bonds named.

These also command a premium, and, if purchased at market rates, would yield but a small profit on the investment. Therefore, if three-per-cent market-house bonds can be issued to build a market-house, they can be purchased for the Sinking fund and will yield as much income as either of the other bonds designated in the Charter, while the rents of the market-house when completed, if set apart for that purpose, will be sufficient to pay the annual interest on the bonds, and the bonds also within a few years.

In view of the fact that a new and commodious market-house is greatly needed, this plan of securing one is respectfully suggested for your consideration. The money is in the treasury and will not be needed during the next nine years to pay maturing City bonds, within which time market rents will return it to the Sinking fund. The question is, can the fund be used for the purpose indicated? If so, the investment will yield a double profit to the City.

#### PART SECOND.

#### DEPARTMENT FUNDS FOR FISCAL YEAR 1885.

I also submit, in part second, statement of the assessed valuation of City property for 1885, and tax levy thereon; Comptroller's statement to your Finance Committee in May, of estimated General-fund revenue for the fiscal year 1885, with a table of department expenditures in 1884, the sums necessary to maintain said departments, including authorized enlargements and increased salaries for the fiscal year 1885, as then organized, and the additional amounts asked for by department officers. Also report of the Finance Committee thereon, and the ordinance apportioning said fund as recommended by the Committee; with memorandum of subsequent changes by your honorable body in making the final apportionment as follows, the increase and decrease being duly noted, to-wit:

#### FINAL APPORTIONMENT.

The increase being exclusive of permanent improvements in 1884.

Off's & empl'ys	\$49,030 00	Increase over 1884.....	\$ 5,039 86
Police.....	74,136 00	" " "	17,797 70
Fire.....	52,920 00	" " "	10,846 39
Hospital.....	20,000 00	" " "	6,169 36
Work-house.....	14,000 00	" " "	851 57
Gas.....	35,000 00	" " { All but \$1,900 being necessary to pay for } lamps already set. }	8,798 92
P. and Stat'y....	10,000 00	" " "	1,069 91
Water Works....	46,000 00	" " { Largely for hydrants } already set. }	3,420 00
Expense.....	40,000 00	" "   To pay judgments.	10,233 41
Charity .....	3,000 00	Decrease.....	\$ 1,000 00
Street Com'r....	30,000 00	do .....	211 08
Engineer.....	47,084 76	do .....	58,798 28
Totals.....	\$421,170 76		\$60,009 36 \$64,227 12

By reference to the documents designated, it will be seen that the estimated revenue for the fiscal year 1885 was \$421,170.76, while the aggregate amount asked for by department officers exceeded that sum \$1,359.88—no allowance being made therein for public improvements by the Engineer's department, or for the expenses of that office. Also that your final apportionment gave to the Engineer's fund but \$47,084.76, which, after deducting \$17,084.76, the amount necessary to pay salaries of inspectors and other employes in that office, left but \$30,000.00 for public improvements during the year. This sum, made insignificant by strengthening other departments, is a mere cipher in comparison with the sum actually necessary to make any visible progress in public works, and to-day the Council is without means to provide for even the most pressing emergencies. Notwithstanding the liberal department allowances for 1885 (more than liberal under the circumstances), much unfavorable criticism has been indulged, the Council being arraigned for neglecting to provide means for more extensive street cleaning and repairs, sewer and pipe drainage, removal of slops and garbage, preventing the approach of cholera, strengthening this or that department etc.—each having its special advocates. That departments are none too strong, and that needed improvements are visible on every hand, is unquestionable but the impossibility of providing therefor to the extent desired; is equally visible, and lies in the fact that these wants are larger and grow faster than the City revenue.

Departments can not be strengthened nor improvements made unless money is in the treasury unappropriated ; and as appropriations for these purposes are always made to the full extent of collected revenue, no one can be justly held amenable for a want of further progress.

It is obvious, however, that if so large a proportion of the revenue is apportioned from year to year to enlarge and strengthen special departments, public improvements pertaining to the streets, alleys, and public highways, the construction of bridges and culverts, and the extension of public sewer drainage—all so vitally essential to the health, permanent growth and welfare of the City—must be comparatively neglected. The Charter provides that no debt shall be created by any City officer; this provision is on the side of safety and has made the City prosperous. It is easy to destroy City credit and drive away capital, therefore it seems but prudent that no debt be permitted without the full knowledge and consent of the tax-payers. As our revenue can only increase with the increase of assessed values, what we have should be distributed in such ratio as will result in the greatest public benefit—giving to each department its due proportion and no more ; not what is asked for, but what can be allowed without injury to the public service generally, and such distribution should be conclusive for the fiscal year. Many express the opinion that taxation should be increased, but this can not be legally done for general purposes. Taking all things into consideration, taxes are about high enough already, and it is creditable to the public spirit of our citizens that so much is being done voluntarily in the way of street improvements. The cost of such work during the fiscal year 1884, if raised by general taxation, would have made our taxes for that year about six per cent. I present also with this report annual reports of the Treasurer, Auditor, Market Master, and Chief of the Fire Department, and respectfully recommend that they be published in pamphlet form. With a full sense of my obligations to his Honor, Mayor Moore, and to your honorable body, I am your obedient servant,

NATH'L GRANT,  
*Comptroller.*

## CASH BALANCES ON HAND

DECEMBER 31, 1884.

Bond and Interest Fund.....	\$ 69,654 37
Funded Debt "B".....	4,509 82
Sinking Fund.....	8,762 14
Delinquent Tax Fund.....	7,203 59
Condemnation Fund.....	9,676 66
General Fund.....	186,852 07
Total.....	<u>\$286,658 65</u>

## GENERAL SUMMARY.

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### CASH AND WARRANT ACCOUNT AND CITY DEBT STATEMENT.

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#### CASH ACCOUNT—BOND AND INTEREST FUND.

1885.

Jan. 1.	Cash on hand.....	\$ 69,654 37
June 30.	Collections.....	41,114 92
	Total.....	\$110,769 29
June 30.	<i>Disbursements—</i>	
	Paid Miscellaneous Bond No.	
	868, due August 15, 1877.....	\$ 7 50
	Paid Coupons.....	29,006 50
	Total.....	\$ 29,014 00
	Balance on hand.....	\$ 81,755 29

#### FUNDED DEBT "B."

Jan. 1.	Cash on hand.....	\$ 4,509 82
June 30.	Collections.....	15,989 19
	Total.....	\$ 20,499 01
June 30.	<i>Disbursements.</i>	
	Paid Coupons.....	10,160 00
	Balance on hand.....	\$ 10,339 01

#### SINKING FUND.

Jan. 1.	Cash on hand.....	\$ 8,762 14
" 1.	Invested in School Bonds.....	15,000 00
June 30.	Collections.....	57,804 08
	Total in fund.....	\$ 81,566 22
	Deduct amount invested in Jackson County	
	School Bonds.....	15,000 00
	Cash balance in fund.....	\$ 66,566 22

## COMPTROLLER'S REPORT,

## DELINQUENT TAX FUND.

Jan. 1.	Cash on hand.....	\$ 7,203 59
June 30.	Collections.....	95 04
Total.....		\$ 7,298 63
June 30.	<i>Disbursements.</i>	
	Paid City Currency in excess of amount registered as outstand- ing.....	\$ 88 00
	Refunding City Taxes, twice paid	314 77
Total.....		402 77
	Balance on hand.....	\$ 6,895 86

## CONDEMNATION FUND.

Jan. 1.	Cash on hand.....	\$ 9,676 66
June 30.	Collections.....	45,727 15
Total. ....		\$ 55,403 81
June 30.	<i>Disbursements.</i>	
	Paid Warrants.....	41,427 62
	Balance on hand.....	\$ 13,976 19

## GENERAL FUND.

Jan. 1.	Cash on hand. ....	\$186,852 07
June 30.	Collections.....	
	Miscellaneous Licenses .....	53,300 79
	Market Master.....	3,333 37
	Police Fines.....	7,958 90
	Dog Tax.....	1,105 00
	Land Tax, 1885....	168,540 22
	Personal-property Tax, 1885.....	30,049 23
	Merchants'-license Tax, 1885.....	18,768 27
	Railroad Tax, 1884.....	4,300 38
	Delinquent Land Tax, 1865 to 1875.....	14 54
	“ “ “ 1877.....	24 18
	“ “ “ 1878.....	15 74
	“ “ “ 1879.....	3 82
	“ “ “ 1880.....	7 91
	“ “ “ 1881.....	9 06
	“ “ “ 1882.....	9 16
	“ “ “ 1883.....	15 25
	“ “ “ 1884.....	3,958 70
	“ Personal-property Taxes.....	2,553 77
	“ Merchants' Licenses.....	12 60
	Special Tax-bills, for repairing sidewalks	134 86
	“ “ “ “ curbing....	59 39



June 30. Street Commissioner, for repairing side-walks .....	54 95
Pistol Permits, from Mayor.....	72 00
Judgments.....	80 50
Quitclaim Deed.....	325 00
Chief of Fire Department, for rent of rooms, etc .....	165 00
Superintendent of Work-house, sale of two old wagons.....	39 50
Public Impounder .....	75
Boiler-inspector fees, Thomas Cody.....	795 00
Engineers' Licenses, " " .....	695 00
Total .....	<u>\$483,254 91</u>

June 30. *Disbursements*—

Warrants paid and canceled.....	203,913 46
Balance on hand.....	<u>\$279,341 45</u>
Actual Cash balance in treasury .....	458,874 02
Deduct Warrants outstanding awaiting claimants (General fund).....	<u>68,694 01</u>
Available Cash balance in treasury.....	<u>\$390,180 01</u>

## RECAPITULATION OF CASH ACCOUNT.

Jan. 1. Cash on hand.....	\$286,658 65
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June 30. *Collections*—

Bond and Interest fund.....	\$ 41,114 92
Funded Debt "B".....	15,989 19
Sinking fund.....	57,804 08
Delinquent-tax fund .....	95 04
Condemnation fund .....	45,727 15
General fund .....	<u>296,402 84</u>

Total receipts for six months.....	<u>457,133 22</u>
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Total to be accounted for.....	<u>\$743,791 87</u>
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June 30. *Disbursed*—

From Bond and Interest fund.....	\$ 29,014 00
" Funded Debt "B".....	10,160 00
" Delinquent-tax fund.....	402 77
" Condemnation fund.....	41,427 62
" General fund .....	<u>203,913 46</u>

Total accounted for.....	<u>284,917 85</u>
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Actual Cash balance in treasury .....	<u>\$458,874 02</u>
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Deduct Warrants outstanding (General fund).....	<u>68,694 01</u>
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Available Cash balance in treasury .....	<u>\$390,180 01</u>
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## RECAPITULATION OF CASH BALANCES.

JUNE 30, 1885.

Bond and Interest fund.....	\$ 81,755 29
Funded Debt "B".....	10,339 01
Sinking fund.....	66,566 22
Delinquent-tax fund.....	6,895 86
Condemnation fund .....	13,976 19
General fund.....	279,341 45
Actual Cash balance in treasury.....	\$458,874 02
Deduct Warrants outstanding (General fund).....	68,694 01
Available Cash balance in treasury..	\$390,180 01

## WARRANT ACCOUNT.

Jan. 1. Warrants outstanding.....	\$ 57,684 45
June 30. Warrants issued to pay accounts as per detailed Statement "A".....	214,923 02
Total..	\$272,607 47
June 30. Warrants paid and canceled (General fund).....	203,913 46
Warrants outstanding and in the hands of Auditor awaiting claimants .....	\$ 68,694 01

# CITY DEBT STATEMENT.

## BONDS.

an.	1.	Bonds outstanding.....	\$1,045,128 75
June 30.		Bond paid and canceled.....	7 50
June 30.		Bonds outstanding.....	\$1,045,121 25

# GENERAL FUND EXPENDITURES.

## STATEMENT "A."

### DETAILED STATEMENT OF DEPARTMENT EXPENDITURES DURING THE SIX MONTHS ENDING JUNE 30, 1885, AS PER AUDITED PAY-ROLLS AND ACCOUNTS.

#### OFFICERS AND EMPLOYES' DEPARTMENT.

Salaries as per Pay-rolls.....	\$ 17,565 73
Pay of Aldermen.....	2,134 00
“ “ Sergeant-at-arms.....	94 00
Treasurer's commission (L. B. Eveland).....	476 25
Total Officers and Employes' Department.....	\$ 20,269 98

#### POLICE DEPARTMENT.

Salaries as per Pay-rolls.....	\$ 29,582 10
“ of Police Commissioners.....	483 35
Whitlaw & Skinner, three horses.....	375 00
G. G. Sass, meals for prisoners.....	316 96
Tower & Lyon, hand-cuffs, leg-irons, and police clubs	170 40
“ “ “rogue's gallery” and cabinet of photographs.....	129 00
Rice & Swain, hay and feed.....	217 86
Steven Bishop, services as hostler.....	191 85
Cameron, Amberg & Co., four locks.....	28 70
“ “ “letter-file and section-base..	77 00
J. J. Foster, harness and repairing.....	80 70
Thomas M. Speers, cash expended for telegrams and sundry items during the year.....	61 10
John Owens, horseshoeing.....	41 75
Henry Nevins, “.....	6 50
Drs. Corkins & Coleman, doctoring horses.....	31 00

R. B. Farley, repairs and hose connections at police stables.....	\$ 27 55
H. C. Arnold, oils, drugs, etc .....	24 76
O. W. Ditsch & Co., latch, keys, and stroke-bell.....	4 60
“ “ “ repairing locks, keys, horse-collar, etc.....	6 90
Hall & Willis Hardware Co., two dozen lanterns....	11 00
J. J. E. David, desk for Police Station.....	10 00
“ “ cushion for patrol wagon.....	1 00
Gardner & Co., hardware.....	8 90
Samuel D. Warren & Co., roofing police stables.....	7 00
James Redheffer, repairing stove, etc.....	4 60
“ “ tubular lantern, oil-pot, and burner	2 00
Mrs. Baughman, boarding and lodging destitute persons.....	6 50
Wm. Rhodes, kalsomining station, Grand Avenue...	5 00
Eugene Carlat, horse-hire.....	5 00
Kansas City Wire and Iron Works, two window-guards for station, two guards for stables, one screen for station.....	6 20
Scotford Mfg Co., stamps, rubber pads, and police checks.....	3 45
Kansas City Book and News Co., ink and copying-book.....	3 25
Goss Heating and Plumbing Co, red globe and heavy holder.....	2 50
John Kimple, repairs on patrol wagon.....	2 00
Doherty & Everett, rubber hose, compression, etc., at station .....	2 75
H. V. Graf & Co., canvas for stretcher.....	95
W. H. Collins, medicine for horse.....	60
Total Police Department .....	\$ 31,939 78

## FIRE DEPARTMENT.

Salaries as per Pay-rolls.....	\$ 17,869 03
Thomas Swope, rent of Engine-house No. 3.....	492 00
C. G. Daggett, “ “ No. 4.....	200 00
Rice & Swain, hay and feed.....	905 91
N. Miller, Jr., coal.....	243 85
H. Nevins, horseshoeing.....	70 75
J. W. Knight, “ .....	53 00
M. J. Cary, “ .....	13 00
W. Wilson, “ .....	10 00
M. Shine, “ .....	7 25
George C. Hale, cash for supplies.....	27 95

Kansas City Saddlery and Harness Co., set of harness \$	50 00
“ “ “ “ “ “ combs, whips,	
brushes, and repairs.....	94 00
E. M. Fuller & Co., bridle-rings, iron for hames, etc.	9 30
Fletcher Saddlery Co., harness supplies.....	6 20
H. C. Arnold, oils, drugs, and lamp supplies.....	67 08
Campbell, Cutler & Co., paints, oils, glass, etc.....	8 61
John A. McDonald & Co., paints, oils, lead, etc.....	107 50
H. K. Byars, set hames, repairing reel and hames...	19 25
Keystone Iron Works, repairing hub, brake, and hames.....	20 25
N. E. Mills, repairs on wagon of Rapid Transit Co..	5 00
P. Naigle, “ “ “ and blacksmith work	5 30
Miller & Chilcott, repairs on truck and “ “	76 30
J. W. Kingsbury, “ “ steam engine .....	8 97
Calvin Toomey, repairs on hook-and-ladder truck and blacksmith work .....	53 45
Grimes Wagon Mfg Co., repairs on truck, wheels, and tires.....	45 05
Kichal & Byars, blacksmith work and repairs.....	12 25
Siepkier & Pieper, repairs on buggy, broke by No. 4 reel.....	6 00
S. D. Warren & Co., gravel roofing and roof cement	38 38
Durham House Drainage Co., wrought-iron pipe....	1 45
P. J. Karst, brooms.....	7 00
J. B. Cummings, brooms .....	4 50
Askew Bros., two collars.....	7 00
U. S. Wind-Engine and Pump Co., cotton waste.....	25 75
Kansas City and Para Rubber Co., 1,000 feet 4-ply hose and packing .....	925 18
A. Witte & Co., repairs on engine, hose-pipe, nozzles, section hose, twist-drill, etc.....	19 35
William Hill, 3 spray nozzles @ \$6.00.....	18 00
John Taylor, blankets and comforts.....	17 00
Abernathy Furniture Co., mattresses, pillows, bedding, etc.....	83 75
Kevill & Waples, mattresses and office chairs.....	32 50
Gardner & Co., hardware.....	84 39
C. W. Fairman, hardware and tinware.....	19 24
R. Switzgable & Co., salt, soap, and matches.....	8 15
M. W. Bailey, doctoring horses.. ..	72 50
Drs. Corkins & Coleman, doctoring horses.....	21 00
H. B. Adair, doctoring horses.....	6 00
Drs. Corkins & Co, doctoring horses.....	6 00
W. K. Sweet, flags, muslin, etc.....	10 00
Whitelaw & Skinner, horse-hire .....	49 50
Kansas City Transfer Co., feed and horse-hire.....	25 00



Pat Stewart, horse-hire.....	\$	25	00
J. L. Worthington, one horse.....		175	00
F. J. Selden, two horses.....		450	00
Joel Thomas, " " .....		450	00
Herman Sonschein, spring tempered.....		1	60
William Kneeds, pasturing horses.....		8	30
Moulton & Yates, ice.....		11	45
B. A. Taylor, paving, blocks and gravel.....		34	62
P. Dietrich, iron reservoir, stove-pipe, etc.....		3	50
H. Prier, castings. ....		5	58
Goss Heating and Plumbing Co., hose and reducing ell .....		1	75
Frank Foster, stove, play-pipe, hose, etc.....		26	50
James Cotter, plumbing and repairing.....		3	60
Speer, Jones & Co., axle-grease.....		8	00
To lot for engine-house, being the south 30 feet of lot 10, block 4, Thomas's Addition.....		1,600	00
J. E. Riley, constructing foundation and brick-work for Engine-house No. 7.....		950	00
Chicago Lumber Co., lumber for Engine-house No. 7		422	82
" " " " " " No. 4		391	94
Mitchell & Wells, " " " " No. 7		30	25
J. W. Merrill, " " " " .....		277	96
G. W. Lovejoy, " " " " .....		7	20
P. J. Cooney, hose-carriage, " " No. 7		700	00
James Elsest, plastering " No. 7		144	50
Hull Bros., " .....		8	00
Ryle & Ballentine, fittings,gas-pipe, lead-pipe, water- pipe, excavate and fill sewer-pipe, and repairs— Engine-house No. 7 .....		41	09
James McMinnamin, stone-work, Engine-house No. 4		612	98
August Hausen, " " .....		12	25
Hughes & Dugan, window-sills.....		10	65
T. W. Butler, cornice, window-caps, and tin-work, Engine-house No.7.....		126	35
J. W. Skinner, hauling lumber and sand.....		10	00
Neiswanger Bros., soap.....		6	00

Total Fire Department.....	\$ 28,525 78
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## HOSPITAL AND BOARD OF HEALTH DEPARTMENT.

Salaries as per Pay-rolls.....	\$ 3,429 62
R. Switzgable & Co., groceries.....	973 15
H. C. Arnold, drugs, oils, etc.....	735 01
John Stadler, meat.....	512 96
J. T. Welden, burying paupers.....	433 95
K. C. Odorless Exc. Co., cleaning 2 vaults, etc.....	70 40

George Etzal, milk .....	\$ 95 85
Albert Schrumpf, keeping horse.....	55 00
North, Orrison & Co., iron beds, mattresses, chairs, etc.	295 90
N. Miller, Jr., coal.....	193 60
John Fee, cash for office-rent, envelopes, ink and pads for marking bedding.....	148 26
Troy Steam Laundry, washing.....	150 88
Ramsey, Millett & H., 600 copies City Physician's Report.....	155 75
David Eccles, register-book for Hospital.....	14 50
Lawton, Havens & Co, 500 check-books.....	3 75
M. H. Dickinson, paper-hanging, sizing, etc.....	7 88
Bullene, Moores, Emery & Co., dry goods and rubber cloth.....	102 18
W. C. Harding Rubber Co., rubber sheeting.....	3 60
Gardner & Co., hardware.....	4 88
C. W. Fairman, castings and tinware.....	40 05
Mitchell & Wells, lumber for cells for insane persons.....	67 50
Whitmeyer & Connelly, lumber for Hospital fence...	26 77
Greenwood & Co., awning, steps, and repairs on Hospital building.....	38 40
Filkin & Son, kalsomining Hospital building .....	32 00
A. K. Sweet, painting and labor on Hospital building	30 95
J. L. Toogood, services and team on Hospital grounds	20 48
George Jones, services on Hospital fence.....	7 50
J. B. Brawning, vaccinating.....	12 00
K. C. Tent & Water-proof Co., stretcher and repairs on tent.....	7 00
Moulton & Yates, ice.....	6 00
J. A. McDonald & Co., paint.....	2 40
Total Hospital.....	\$ 7,678 17

## PEST-HOUSE.

J. J. McClane, janitor and boarding patients.....\$	650 39
“ “ 6½ cords of wood.....	22 75
J. L. “ steward and nurse.....	215 00
A. B. Wallace, supplies for Pest-house.....	5 00
A. Wilson “ “ “ .....	5 00
Total Pest-house.....	898 14
Total Hospital and Board of Health...	\$ 8,576 31

## WORK-HOUSE DEPARTMENT.

Salaries as per Pay-rolls.....\$	3,471 47
H. J. Miller, final payment on addition to Work-house	691 84

W. A. Bovard, removing building at Work-house...\$	40 00
M. Klump, cementing floor of new Jail.....	20 00
T. W. Butler, repairs on Work-house.....	14 75
J. C. Porch, galvanized iron and repairing chimney	6 00
Kasemer Gres, repairing range.....	4 00
John Keenan, 7 loads of sand.....	10 50
H. Stewart, 5 " " " .....	6 25
Joseph Hyans, 2 " " " .....	2 50
William Weston, lime and cement.....	68 25
R. Switzgable & Co, groceries.....	749 28
" " 2 cords of wood.....	11 00
T. H. Brougham, 10½ " " " .....	52 50
J. Langdon, 5 " " " .....	25 00
John Stadler, meat.....	592 16
T. Lee Adams, hay and feed.....	201 51
J. N. Allen, " " " .....	11 30
N. Miller, Jr., coal .....	154 70
Richards & Conover Hardware Co., hardware.....	53 50
J. S. Hahn, tinware and hardware.....	66 50
Gardner & Co., hardware.....	4 15
Smith & Keating, 1 wagon.....	140 00
Joseph Lorie, dry goods and blankets.....	54 44
Bullene, Moores, Emery & Co., ticking.....	22 11
J. B. Siefried, furnishing goods.....	4 50
Frank Emery, lumber.....	317 98
J. W. Merrill, " .....	148 92
K. C. Lumber Co., lumber .....	81 54
Whitmeyer & Connelly, lumber.....	6 10
K. C. & Para Rubber Co., 50 ft. hose and repairing nozzle.....	24 50
E. A. Kurtz, stove-pipe, etc.....	11 00
J. M. Thompson, 8 pairs shoes.....	12 00
Neiswanger Bros., horse-blanket.....	10 00
John A. McDonald & Co., paint.....	10 00
W. H. Brundage, repairing van. ....	67 50
Swansen & Co., blacksmith work.....	35 10
B. F. Shope, " " .....	21 30
M. Kaufman, cabbage-plants.....	10 00
J. F. Baker, seed-potatoes.....	8 18
J. O. Savage, carpenter work.....	58 50
A. S. Lewis, " " .....	42 50
R. D. Kidd, " " .....	18 75
M. Horns, " " .....	13 75
F. Schmidt, " " .....	10 12
W. A. McClure, " " .....	15 00
A. Woodward, " " .....	8 34
Trumbull Schutt, " " .....	3 61

## COMPTROLLER'S REPORT,

Fritz Probst, carpenter work.....	\$ 25 00
T. P. Loftus, " " .....	68 10
K. C. Box & Basket Co., boxes and baskets.....	23 53
Total Work-house Department.....	\$ 7,529 53

## GAS DEPARTMENT.

K. C. Gas-Light Co. }	Street-lamps.....	\$ 9,303 22
	City Hall.....	334 00
	Market-house.....	161 40
	Engine-house No. 1.....	101 60
	" " " 2.....	127 80
	" " " 3.....	68 40
	" " " 4.....	66 20
	" " " 5.....	58 40
	Police Station, West Kansas.	97 80
	" " Grand Av.....	41 80
	Engineer's office.....	20 80
	Assessor's " .....	2 20
		<hr/> \$ 10,383 62
J. W. Swain, gasoline for Street-lamps.....		595 00
F. K. Hoover, " " " " .....		3,657 88
K. C. Elec.-Light Co., lighting Bluff-street Bridge...		144 00
Total Gas Department.....		<hr/> \$ 14,780 50

## PRINTING AND STATIONERY DEPARTMENT.

Publishing notices to contractors.....	\$ 239 20
" " " property-owners .....	493 04
" petition of " .....	68 32
" Mayor's proclamation and Council proceedings .....	200 88
" notices of special tax-bills issued from the City Engineer's office.....	111 00
" City ordinances.....	85 60
" petition to Council.....	50 00
" City Assessor's notices.....	36 00
" " Impounder's notices.....	2 80
" notices of delinquent tax-lists.....	7 75
" affidavits of publication.....	13 00
" notices to tax-payers.....	17 60
" " of proposals for City supplies....	12 00
" " citizens' meetings.....	29 25
" " meeting of Board of Equalization.....	8 00
" notices of City Treasurer .....	6 00
" " to painters.....	4 40

Publication notices of registration.....	\$ 95 50	
		\$ 1,480 34
Printing blanks for the several City departments....	\$ 1,013 60	
" postal cards " " " .....	27 00	
" City Counselor's briefs, City vs. Corrigan...	101 50	
" " " " " " G. Huling	2 25	
" " " " Blumb vs. City.....	5 00	
" " " " H. M. Holden vs.		
T. A. Gill .....	15 00	
" City Counselor's briefs, J. F. Mister vs. City	3 00	
" " " " Bridget Wright vs.		
City.....	9 00	
" City Counselor's briefs.....	4 00	
		\$ 1,180 35
Stationery for the several City departments.....	\$ 398 01	
Books " " " " " viz. :		
Oblong profile book, Engineer's office.....	32 00	
Section " " " .....	20 00	
7 registration books (original), 19 registration		
books (alphabetical).....	47 50	
Book for Work-house report.....	65 65	
Books for bench-mark and Council proceedings.....	19 00	
Condemnation book for City Clerk.....	15 00	
Books for City Treasurer and Auditor.....	97 00	
16 land-tax books for Treasurer's office.....	80 00	
14 personal-tax books for Treasurer's office.....	49 00	
1 triplicate receipt book for Treasurer's office.....	6 00	
1 Police record book.....	20 00	
4 license receipt books for Treasurer's office.....	10 00	
1 dozen license receipt books for Treasurer's office...	8 50	
10 books for Board of Health.....	8 80	
Books for Superintendent of Buildings.....	131 80	
1 book for record of marriages.....	10 00	
1 " " dog register.....	7 50	
1 receipt book for condemnation benefits.....	7 00	
1,350 official reports, pamphlet form.....	367 25	
Rebinding record of sewers, etc .....	23 50	
7 City maps for City offices.....	105 00	
4,150 maps for Comptroller's and Engineer's reports	158 00	
Engraving map of City and 4 color-plates.....	260 00	
Posting registration notices.....	6 00	
		\$ 1,952 51

## CONDEMNATION PUBLICATIONS.

To widen alley 11th to 12th street, bet. Jefferson and	
Penn streets.....	\$ 12 00

To open alley in block 22, McGee's Addition .....	\$ 12 00
To widen Wyandotte street from 8th to 9th street....	12 00
	<hr/>
	\$ 36 00
Total Printing and Stationery Department....	\$ 4,649 20

## CHARITY DEPARTMENT.

To Cash disbursed for charity during the month of January, 1885.....	\$ 250 00
To Cash disbursed for charity during the month of February, 1885.....	250 00
To Cash disbursed for charity during the month of March, 1885.....	250 00
To Cash disbursed for charity during the month of April, 1885.....	175 00
To Cash disbursed for charity during the month of May, 1885.....	100 00
To Cash disbursed for charity during the month of June, 1885.....	400 00
Amount disbursed by the Mayor.....	<hr/>
Total Charity.....	\$ 1,425 00

## WATER-WORKS DEPARTMENT.

FOR USE OF FIRE HYDRANTS FROM JAN. 1, 1885, TO JULY 1, 1885, VIZ.:

Hydrants set on first 18 miles of pipe, as provided in Section 5 of Amended Ordinance No. 14,776.....	\$ 16,500 00
44 extra Hydrants at \$80 00 per annum.....	1,760 00
206 " " " 40 00 " " .....	4,120 00
	<hr/>
Total Water-works.....	\$ 22,380 00

## EXPENSE DEPARTMENT.

REPAIRS OF BUILDINGS, RENTS, SCAVENGER WORK, SERVICES, STAMPS, COAL,  
AND GENERAL MISCELLANEOUS EXPENDITURES, VIZ.:

T. M. James & Sons, rent of City Engineer's office...\$	150 00
T. R. Tinsley, rent of City Building Inspector's office	108 75
Charles Grant, Scavenger, duty as per contract. ....	275 00
Geo. D. Huling, rent for Assessor's office.....	15 00
Morris Reicher, rent and Janitor, Assessor's office...	38 00
N. Miller, Jr., coal.....	339 85
Keith & Perry Coal Co., coal.....	4 75
J. Q. A. King, coal.....	9 00
J. B. Criswell, coal, Assessor's office.....	11 00
Jack Gallagher, killing dogs.....	29 00
C. M. Meek, killing dogs.....	52 50



L. B. Eveland, cash paid for postal cards and stamps \$	40 00
Nath'l Grant, " " " " " "	11 00
Geo. W. Jones, " " " " " "	140 00
Twyman & Maseley, matches, brooms, salt, etc.....	9 35
F. M. Whitelaw, jug and candle-wick for Jail.....	95
William Weston, lime for Market-master.....	1 00
North, Orrison & Co., furniture and carpet, Assessor's office.....	45 00
North, Orrison & Co., table for water-cooler, Comptroller's office.....	4 50
North, Orrison & Co., desk for Assessor's office.....	20 00
" " " table for Treasurer's office.....	13 00
Robert Keith Furniture Co., repairing chairs in Engineer's office.....	3 00
Wolf & Co., desk for Engineer's office.....	13 25
Otto Mertens, repairing chairs in several offices.....	3 00
J. N. Smith, clock for City Hospital.....	2 25
W. H. Kalb, water furnished Treasurer and Auditor	6 50
Brooke & Son, painting signs for Assessor's office....	3 00
" " repairing window, Police Station ....	50
J. A. Best, painting wagon numbers, Auditor's office	39 40
" " lettering "rogue's gallery," Police office	2 00
T. B. Perrine, dog-tags for City Clerk.. .....	30 00
M. H. Dickinson, dusters for several City offices ....	4 80
H. C. Arnold, sponges and soap for City offices.....	1 90
Wm. Johnson, washing towels and labor in several offices.....	6 40
K. C. & Para Rubber Co., rubber boots for Engineer's office.....	5 00
Gardner & Co., hardware for Supt. of Buildings ...	6 90
" " " " other offices.....	8 65
C. W. Fairman, hardware, Engineer's office.....	8 30
" " " Police offices.....	37 85
" " cooler, filter, and cooler-stand, Comptroller's office.....	16 00
C. W. Fairman, sprinkler for City Janitor.....	1 25
J. A. McDonald & Co., whitewash-brush for City Janitor.....	1 00
W. C. Hoye, 9 copies City Directory for city offices..	36 00
K. C. Wire and Iron Works, 2 steel guards, Police office.....	2 50
John Smith, labor in Cemetery Park.....	3 00
Letcher Watts, labor in Assessor's office.....	2 00
D. G. Blair, stove, etc., " " .....	29 15
A. L. Glenn, furnishing and hauling sand to Cemetery Park.....	18 80

H. V. Graf & Co., recovering 8 awnings and making 4 new ones.....	\$ 40 00
H. V. Graf & Co., recovering stretcher for Police Station.....	1 50
H. Robertson & Co., awnings for Assessor's office....	13 00
A. S. Aloe & Co., supplies for Engineer's office.....	30 42
The Scotford Mfg. Co., cancelling stamps, City offices .....	4 45
Young & Son, No. 18 telescope and all improve- ments, Engineer's office.....	150 00
Young & Son, level-rod, Engineer's office.....	18 00
Buff & Berger, instruments " " .....	3 25
J. G. Adkins, claim against Jack Gallagher.....	10 00
Whitmeyer & Connelly, lumber for Police stables...	5 25
F. W. Emery, lumber for repairing Market-house...	79 20
Western Union Telegraph Co., telegrams on legal business, New York and Jefferson City.....	3 95
Pacific Mutual Telegraph Co., telegrams on legal business, New York and Jefferson City.....	1 45
F. J. O'Donnell, furnishing lumber and other mate- rial and wainscoting Council Chamber, and re- pairing window-sills.....	97 00
J. R. & J. L. Whittemore, repairing and papering several offices in Court-house.....	65 25
W. B. Everhart, altering and repairing Police cells	205 38
W. F. Bayne, " " " " "	
area.....	22 50
J. E. Riley, labor, repairing Market-house.....	177 75
D. C. Malone, repairing and plastering several offi- ces, Court-house.....	10 79
Doherty & Everett, gas-fixtures for Auditor's office..	3 25
" " plumbing at Market-house.....	1 10
" " repairing gas-fixtures, Assessor's office.....	2 50
Farley Bros., labor, weights for closets, Police Dept., Precinct No. 2.....	5 35
Nath'l Grant, cash paid for repairing lock, Comp- troller's office.....	25
Nath'l Grant, cash paid for express charges, Engi- neer's office.....	1 20
F. F. Dinsmoor, repairing safe, Auditor's office.....	2 50
"The Post and Tribune," publishing notices of meet- ing of Board of Appeals and Equalization... ..	7 50
Ben. A. Taylor, repairing and paving Broadway, Grand Ave., Third St., Main St., Delaware St., and Walnut St.....	52 75

H. P. Langworthy, cash paid for copy Missouri Laws.....	\$	1 00
C. D. Lucas, recording deeds.....		6 75
Ramsey, Millett & Hudson, rebinding Public Records.....		10 00
Norman & Robertson, to information as to owners of property in the Liberty street Condemnation.		11 25
John Donnelly, services as witness in case of Arn vs. the City.....		9 00
W. W. Dreyfoos, services numbering houses for Superintendent of Buildings.....		195 00
John Hay, services numbering houses for Superintendent of Buildings.....		195 00
H. G. Crain, services in Auditor's and Treasurer's offices.....		73 00
Tom Smith, services in Auditor's and Treasurer's offices.....		36 00
H. D. Carlisle, services in Auditor's and Treasurer's offices.....		30 00
Missouri & Kansas Telephone Co., allowance by the City of Kansas to offset City taxes on the Company's personal property for the year 1885.....		176 40
Armour Bro's Banking Co., to four special Tax-bills for constructing sewers in Sewer District No. 108, on City property, as follows:		
Bill No. 37, to John Shaw w. $\frac{1}{2}$ , lot 11, block 9, Perry Place.....		8 50
Bill No. 132, to John Shaw w. $\frac{1}{2}$ , lot 9, block e. Ran & Talley's Addition.....		17 99
Interest, w. $\frac{1}{2}$ , lot 9, block e. Ran & Talley's Addition.....		06
Bill No. 132, to Robert Chambers w. $\frac{1}{2}$ , lot 9, block e. Ran & Talley's Addition. . . . .		16 37
Bill No. 37, to Robert Chambers w. $\frac{1}{2}$ , lot 11, block 9, Perry Place.....		7 73
Interest, w. $\frac{1}{2}$ , lot 11, block 9, Perry Place...		14
Amount, miscellaneous.....		<hr/> \$ 3,419 78

## REGISTRATION AND ELECTION EXPENSES.

Erastus Johns, Registrar First Ward.....	102 00
Edward Foster, Registrar Second Ward.....	102 00
W. F. Scheibe, Registrar Third Ward.....	102 00
Fred. Dartt, Registrar Fourth Ward, E. Precinct...	75 00
W. T. Payne, Registrar Fourth Ward, W. Precinct.	102 00
Martin McGraw, Registrar Fifth Ward.....	102 00
O. C. Shull, Registrar Sixth Ward.....	102 00

Judges and Clerks of Elections, First Ward.....	\$ 192 00
“ “ “ “ “ Second Ward.....	216 00
“ “ “ “ “ Third Ward.....	216 00
“ “ “ “ “ Fourth Ward, East Precinct.....	144 00
Judges and Clerks of Election, Fourth Ward, West Precinct.....	144 00
Judges and Clerks of Election, Fifth Ward.....	204 00
“ “ “ “ “ Sixth Ward.....	204 00
Tremont House, room rent for registration and election.....	40 60
G. N. Neff, room and table rent for registration and election.....	10 00
J. D. Sherrick, room rent for registration and election.....	15 00
Justices Clayton and Teasdale, canvassing election returns.....	6 00
George Selman, use of horse and buggy during election and registration.....	15 00
J. D. Lawe, services as door-keeper on registration day at Court House.....	7 50
T. W. Thomas, lettering registration signs.....	7 00
Charles Fritz, services on election day at voting places.....	1 75
E. T. Slaughter, ballot boxes.....	20 10
Whitmeyer & Connelly, lumber for election bari- cades.....	29 16
Amount.....	\$ 2,159 11

#### BOILER INSPECTOR AND STATIONERY-ENGINEER'S DE- PARTMENT FUND.

Thomas Cody, one year's salary.....	\$ 1,200 00
E. J. Davis, as examining engineer.....	141 00
George C. Hale, as examining engineer.....	36 00
Amount.....	\$ 1,377 00

#### LEGAL EXPENDITURES.

##### U. S. SUPREME COURT COSTS PAID.

James H. McKinney, Clerk, costs in case of U. P. Railway vs. the City, Condemnation 12th street.....	8 67
Frank Grigg, Clerk Lafayette County Court, Fee- bill in case of city vs. Crenshaw, dismissed by the city.....	48 25
	8 67
	48 25

S. G. Sandusky, Clerk in Damage Suit, Fee-bill in case of E. T. Kellogg vs. the City, at Liberty, Mo .....	\$ 521 80	
		521 80
L. F. McCoy, Clerk Circuit Court, Costs Paid, viz.:		
Bridget Wright vs. the City.....	82 15	
John S. Hedges, <i>et. al.</i> , vs. the City.....	59 90	
Wilson Askew vs. the City, at Independence, Mo.....	229 05	
Thomas Green vs. the City, at Independence, Mo....	151 25	
Sophia Householder, <i>et. al.</i> , vs. the City, at Independence, Mo.....	145 75	
J. C. James, vs. the City, at Independence, Mo.....	221 75	
Making Docket, April term .....	3 50	
		893 35
L. F. McCoy, Clerk Circuit Court, Transcripts to Supreme Court, viz.: Appeals by the City,		
D. A. Harrington vs. the City.....	68 35	
Octave Chanute       "   "   " .....	5 70	
E. Whyte,               "   "   " .....	8 90	
K. C., St. L. & C. R. R. "   "   " .....	9 50	
		92 45
L. Night, Clerk, Transcript of Evidence to Circuit Court in cases as follows:		
Annie O Grady vs. the City of Kansas.....	45 00	
A. A. Holmes, in case of Owen Haney vs. the City of Kansas.....	1 50	
John Kelley vs. the City of Kansas.....	10 80	
Copying Ordinance for Comptroller and Asst. Counselor.....	1 50	
		58 80
John C. Hope, Ex Sheriff, viz.: Costs in Case of City vs. David Hood, <i>et. al.</i> .....	48 08	
Costs in case of City vs. Gaddings, Lydia Ave.....	5 90	
3 Advertisements, Guinotte Ave., Condemnation, (sale not made).....	30 00	
5 Deeds for Property bought by the City.....	15 00	
		98 98

## LEGAL EXPENDITURES—JUDGMENTS PAID.

E. T. Kellogg vs. the City, damages.		
Judgment .....	4,500 00	
Interest at 6 per cent.....	288 00	4,788 00

Bridget Wright and Michael Wright vs.  
the City, damages.

Judgment .....	\$ 2,000 00	
Interest at 6 per cent. ....	327 65	2,327 65

John S. Hedges and Sarah H. Hedges  
vs. the City, damages.

Judgment.....	1,500 00	
Interest at 6 per cent.....	285 00	1,785 00

Sophia Householder, *et. al.* vs. the city,  
damages.

Judgment.....	1,050 00	
Interest at 6 per cent.....	110 60	1,160 60

George W. Branham vs. the City, dama-  
ges.

Judgment .....	900 00	
Interest at 6 per cent.....	133 05	1,033 05

William I. Nichols vs. the City, damages.

Judgment .....	800 00	
Interest .....	147 33	947 33

Edward McKearnan vs. the City, damages.

Judgment.....	650 00	
Interest at 6 per cent.....	13 00	663 00

Sundry, persons, for damages, payments recommend-  
ed by Committees on Finance and Claims, and  
adopted by the council; said payments to be in  
full, of all damages and claims, viz.:

E. J. & L. Railsback, caused by grading Broadway	2,000 00	
Caroline A. Findlay, " " " Fifth St.	950 00	
C. D. Lucas, " " " McGee "	900 00	
Rosana & Geo. W. Davis, " " " Fifth "	500 00	
Margrette Patterson, " " " May "	500 00	
Geo. W. Warder, " " " Fifth "	400 00	
James Kelley, " " " Fifth "	400 00	
Pat Hunt, " " " Fifth "	300 00	
Thomas Keeler, caused by grading, suit commenced Sept. 23, 1875, to lots 23 & 24, block 50, Law- rence addition .....	200 00	
Laura Beiter, caused by grading Fifth St.....	125 00	
A. L. Chapman, " " change of sewer.....	43 00	6,318 00



## CRIMINAL COURT COSTS PAID.

Charles H. Vincent, Clerk Fee-bills certified by the

City Attorney, viz.:

The City vs. Phillip Kuney.....	\$ 11 45
" " " J Feld.....	1 95
" " " George Cole.....	11 00
" " " Jno. Ennis.....	15 65
" " " Thomas Corrigan.....	2 90
" " " " ".....	11 30
" " " " ".....	2 90
" " " " ".....	2 90
" " " " ".....	2 90
" " " " ".....	2 60
" " " " ".....	2 55
" " " " ".....	2 60
" " " D. Ellison.....	10 05
" " " Isaac Whitaker.....	7 60
" " " Jake Meaton.....	7 80

96 15

L. F. McCoy, clerk Circuit Court; condemnation  
fee-bills, viz.:

Alley, 12th to 13th street, bet. Holmes and Charlotte streets.....	77 05
Alley, block 10, Hubbard's Addition.....	34 60
Walnut Street south of 20th street.....	241 00
Grove street.....	79 70
Open. and extend. 16th street, Summit to Jarboe...	214 70
Woodland Avenue.....	64 90
17th street, Summit to Dripp.....	112 90
Alley, 14th and 15th streets, Holmes and Charlotte streets.....	67 85
Charlotte street, 13th to 17th street.....	101 85
Annie O'Grady vs. the City.....	103 90
Anton Mielkey " " ".....	84 60
J. H. Swanson " " ".....	72 40
Edward McKearnan vs. the City.....	79 80
Making up Docket.....	12 00

1,347 25

J. V. C. Karnes, legal services as per contract in case of Patterson vs. the City of Kansas.....	50 00
D. H. McIntyre, legal services in case of John S. Hedges and wife vs. the City of Kansas.....	10 00
Also in case of the City of Kansas vs. the Corrigan Consolidated Street Railway.....	10 00
C. W. Freeman, legal services in case of Annie O'Grady vs. the City.....	50 00

S. G. Sandusky, legal services in case of E. T. Kellogg vs. the City of Kansas. ....	\$ 50 00	
Wash Adams, City Counselor, expenses to Jefferson City in cases of City vs Corrigan Street Railway Company. ....	36 50	
R. H. Field, Assistant Counselor, expenses to Jefferson City attending several City cases. ....	32 05	
J. J. Campbell, City Attorney, expenses to Jefferson City in case of City vs. Corrigan Street Railway Company. ....	15 65	
Rollins Bingham, services copying docket of all cases pending and in force against the City of Kansas	10 00	
C. B. Adams, copying grading bill. ....	2 50	
C. J. Brown, Clerk Supreme Court of Kansas, copy of opinion, certified, in case of State vs. Mo. Pacific Railroad, in regard to building viaducts by the Railroad over their tracts where they cross a public street. ....	4 95	
		271 65
Tribune Printing Co., printing briefs in case of City vs. Corrigan in the Supreme Court. ....	30 40	
Pantagraph Printing Co., printing briefs in case of City vs. Corrigan, in the Supreme Court. ....	19 00	
		49 40
Total Expense Department. ....		\$ 29,465 27

## STREET AND ALLEY DEPARTMENT.

## STREET COMMISSIONER.

Audited pay-rolls for men and teams. ....	\$ 13,065 42
K. C. Street Sprinkling Co., sprinkling streets. ....	83 85
W. J. Kintz, arching cistern, 12th and Grand Ave..	257 00
Gardner & Co., hardware. ....	126 95
Richards & Conover Hardware Co., hardware. ....	6 49
Johns & Stelp, hardware. ....	15 45
Tarr & Swan, eight picks. ....	1 60
George T. Webb, eight pick-handles. ....	3 25
H. Nevins, black-smithing. ....	11 50
R. G. Siess, " ....	45
Swansen & Co., black-smithing. ....	20 65
O. D. Moore, iron-brands for marking tools. ....	2 50
W. H. Brundage, repairing buggy. ....	7 40
Grimes' Wagon Manufacturing Co., pair shafts. ....	4 95
A. S. Fernald & Bro., lumber. ....	618 42
George M. Griffin & Co., lumber. ....	45 43
S. L. Laufer, lumber. ....	129 93

Frank Emery, lumber .....	121 09
M. A. Benton, lumber.....	587 89
Whitmeyer & Connelly, lumber.....	122 96
C. B. Cotton, lumber.....	8 20
Western Lumber Co., lumber.....	4 98
Will S. Umbarger, boarding and shoeing horse.....	51 00
Fred. Underwood, " " " " .....	34 00
A. L. Glenn, boarding horse and repairing buggy...	32 80
J. J. Foster, cart bands, and repairing harness.....	5 50
James Cotter, pipe for roller.....	1 20
S. S. Wiltsee, extra services.....	50 00
James Dowling, use of stone wagon.. .....	5 00
H. B. Adair, doctoring horses.....	5 00
John Owens, shoeing horses.....	2 00
James H. Burke, rubber-boots.....	6 25
John Hackett, 41 yards of McAdam @ \$1.10.....	45 10
William Condon, 15 yards of McAdam @ \$1.00.....	15 00
L. J. Talbott (Mayor), for charity.....	1,000 00

Total Street Commissioner's Department. .... \$ 16,499 21

#### STREET AND ALLEY—ENGINEER'S DEPARTMENT.

Salaries, as per pay-rolls..... \$ 8,288 88

#### CONTRACT WORK.

Leo. Felix, constructing catch-basin at 13th and Broadway.....	85 00
Leo. Felix, connection pipe (44 ft. 12 in.) @ 2.00....	88 00
"    constructing catch-basin at corner 5th and Walnut streets ... ..	85 00
Leo. Felix, connection pipe (6 ft. 12 in.), @ \$2 00...	12 00
"    constructing bulk-head at end of sewer..	2 00
Wm H. Faulkner, trapping catch-basin.....	105 00
"    building two catch-basins, and repairing and raising others.....	229 63
Wm. H. Faulkner, building catch-basin.....	74 00
"    connection pipe, (30 ft. 12 in.), @ \$1.25.....	37 50
Wm. H. Faulkner, draining pond at 19th and Grand Ave., and 20 ft. 8 in. sewer pipe @ \$1.00	20 00
Wm. H. Faulkner, 60 ft. open drain-pipe @ 10c.....	6 00
"    wooden box at end of sewer.....	1 00
Thomas Fisher, alterations on two catch-basins at 18th and Main streets @ \$55.00 each. ....	110 00
Thomas Fisher, alterations on two catch-basins at 18th and Walnut streets @ \$55.00 each.....	110 00
J. C. Brown, repairing catch-basin at 12th and Holmes streets.....	6 32

B. Krell, filling up old catch-basin at 10th and Walnut streets.....	\$ 2 00
B. Krell, raising curbing at 10th and Walnut streets	2 00
N. H. Comstock & Co., constructing drain-pipe across 15th street at intersection of Grove street.....	54 05
N. H. Comstock & Co., changing channel of O. K. Creek on 15th street at Flora Avenue .....	42 77
John Thomson, third monthly estimate for constructing a part of O. K. Creek sewer.....	2,242 00
John Thomson, fourth monthly estimate for constructing a part of O. K. Creek sewer.....	329 15
Chicago & Alton Railroad, to grading roadway on part of 1st street.....	550 55
Patrick Keating, fifth estimate of work done in grading Holly street.....	199 50
Patrick Keating, sixth estimate of work done in grading Holly street.....	553 50
Patrick Keating, work done and materials furnished in excavating and paving 19th street, bet. Harrison street and Troost Avenue.....	85 00
J. D. Hacket, to paving part of Union Avenue, Cor-rigan track.....	1,824 97
J. D. Hacket, to special tax-bill for paving East 9th street in front of lot 62, Swopes's Addition, with interest for two months, same being property of the United States, on which the Custom House is erected .....	655 15
James McGonegal, work and materials furnished during the paving of Main street from 2d to 19th street.....	151 55
Ben. A. Taylor, paving 4th street from Walnut to Delaware streets.....	273 40
Ben. A. Taylor, repairing paving on Union Avenue and Broadway.....	31 50
Ben. A. Taylor, remodeling pavement at 13th and Broadway, and 5th and Walnut streets.....	6 00
Ben. A. Taylor, repairing 18th street and filling holes in pavement of certain streets.....	490 01
T. M. James, paving West 6th street from Main to Delaware.....	159 00
Martin Estel, to constructing curbing on Walnut street bet. 7th and 8th streets.....	6 80
Martin Estel, resetting curbing on St. Louis Avenue,	4 50
Mark Cassidy, resetting curbing on 9th street from Mulberry street to State Line.....	7 00
W. G. Duncan, furnishing and resetting curbing on Broadway.....	70 50

Michael Walsh, resetting curbing on Union Avenue and cementing curb-joints of retaining wall at Bridge.....	\$ 53 55
Manly & Cooper Manufacturing Co., to constructing wrought-iron railing on Bluff-street wall....	2,500 00
H. B. Conwell, to furnishing materials and constructing bridge on 15th street at Highland Av.	188 12
H. B. Conwell, to constructing stairs and furnishing materials at 2d and Walnut streets.....	72 50
H. B. Conwell, to constructing sidewalk crossings at 12th and Freight, and at Holly and 12th streets,	11 79
H. B. Conwell, to removing sidewalk on S. W. Boulevard.....	49 21
R. D. Glenn, to constructing steps at 5th and Harrison streets.....	31 35
Erath & Freilinger, constructing stone walk on Main street from 4th to 5th streets.....	1,791 60
W. W. Smith, constructing and relaying sidewalk on 4th bet. Wyandotte and Broadway.....	56 00
James Gaynon, to removing sidewalk on 21st street and McGee, west side O. K. Creek bridge.....	5 00
Kansas City Bridge and Iron Co., to part payment of James street viaduct.....	2,266 00
Kansas City Bridge and Iron Co., to final payment of James street viaduct .....	1,734 00
Robert Chambers, to furnishing materials and constructing sewer in Sewer District 108.....	180 64
Thomas Appleton, to furnishing materials and constructing sewer in Sewer District 9.....	85 70
Whitmeyer & Connelly, to lumber for O. K. Creek intercepting public sewer.....	130 00
M. Clark, to draining pond at 8th and Grove street,	155 92
" " " " " 5th " Troost Av...	30 80
Moore & O'Donnell, draining pond at 11th and Harrison streets; and 66 feet of 6-inch sewer-pipe and box inlet. ....	43 90
Alexander & Williams to draining pond at 17th street and Broadway.....	5 60
Thomson, Mullens & Downing, to furnishing materials and draining pond at 6th and Harrison streets.....	70 35
Amount contract work.....	<hr/> \$ 18,174 83

## CONDEMNATION EXPENSES.

Norman & Robertson, abstracts 110 tracts land in winding 13th street through Vineyard's Second Addition.....	55 00
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Norman & Robertson, abstracts McGee's Addition...	\$ 12 50
"                    "            owners names on 442	
tracts of land in Sewer District No. 40 .....	110 50
Norman & Robertson, abstract owners names on 717	
tracts of land in Sewer District No. 71.....	179 25
Norman & Robertson, abstracts 220 lots in extension	
of 22d street from Troost Avenue to Grand Av.	110 00
Norman & Robertson, abstracts owners names of	
1,300 lots in Sewer District No. 108.....	300 00
Norman & Robertson, abstracts of certain lots for	
condemnation purposes.....	111 00
Norman & Robertson, abstracts owners names of	
property for the purpose of issuing special tax-	
bills for widening streets.....	121 75
H. P. Langworthy, to pay assessments against the	
City of Kansas for extending 16th street.....	500 00
To open and extend Wyoming street from 19th street	
south to intersection of Liberty street.....	1 00
To open and extend 14th street, east side McGee's	
Addition, to Campbell street.....	1 00
To open and extend ally 16th to 17th streets, bet.	
McGee's Addition and Oak street.....	2 00
To open and extend alley from 14th to 15th streets,	
bet. Holmes and Charlotte streets.....	1 00
To open and extend a public street in Ranson	
Place.....	1 00
To open and extend Central street, south from	
McGee's Addition.....	1 00
Jury pay-roll, extend Locust street south of 20th St.	42 00
"            "            open and extend 19th street from	
Tracy Avenue to east line of Lockridge's Add..	78 00
Jury pay-roll, to open alley in west $\frac{1}{2}$ of block 27, old	
town .. .. .	30 00
Jury pay-roll, widen alley from 11th to 12th streets,	
between Jefferson and Penn streets.....	18 00
Amount, Condemnation.....	\$ 1,675 00

## MISCELLANEOUS REPAIRS, MATERIALS, ETC.

Rebecca J. Gillelan, refunding money paid by mis-	
take on special tax-bills.....	8 68
Brooke & Son., painting, striping, and varnishing	
rods.....	3 00
Wm. B. Knight, express charges on stationery.....	11 90
"            "            "            "            instruments....	7 35
"            "            "            "            expense in the case of Stearns vs.	
the City.....	1 50



Richards & Conover Hardware Co., hardware Engineer's Department.....\$	16 85
Buff & Berger, screw cap for vernier-spring.....	50
James Redheffer, steel tapes.....	9 00
Tuttle & Pike, blue prints of plans for sections.....	2 25
Wrought Iron Co., adjusting Bluff Street Bridge.....	15 00
G. W. Lovejoy, 2,500 stakes, Engineer's Departm't..	42 50
Henry Thilenius, repairing tape-lines and harness..	7 10
C. B. Maedel, 4 keys for Engineer's office.....	1 00
Charles F. Ketcham & Co., cross section book.....	15 00
T. M. James & Son, rent of Engineer's office.....	300 00
A. Witte & Co., repairs to Surveyor's instruments....	16 35
W. H. Brundage, repairs to wagon and tools, Engineer's Department ....	9 75
Geo. B. Inman, brass moulds for testing cement.....	33 37
Wm. Taylor, castings for man hole at corner Troost Avenue and Belvidere street.....	12 25
A. S. Aloe & Co., level rod.....	16 00
“ “ steel-tapes.....	22 95
H. B. Davis, furnishing locks and putting on same in Engineer's office.....	6 25
F. G. Knight, express charges on instruments.....	2 65
“ repairing steel-tapes, Engineer's office	2 30
Landis-Moulton Transfer & Livery Co., to board of Engineer's horse.....	105 00
Gardner & Co., two pounds copper tacks @ 40c.....	80
Cookson Iron Works Co., two cement moulds.....	8 00
C. W. Fairman, plumb bob.....	1 75
James H. Tiernan, express charges on drawing paper	45
O. D. Moore Foundry Co., cover to inlet at 6th and Grand Avenue .....	3 00
O. D. Moore Foundry Co., M. H. casting, 15th street near Locust.....	7 00
O. D. Moore Foundry Co., cover and work at 1076 Union Avenue.....	3 00
T. Conway, to horse-shoeing.....	11 70
Rudolph Hottleman, to one atlas of City of Kansas for City Engineer's department.....	15 00
Rudolph Hottleman, surveying land on line of Grand Avenue.....	15 00
Rudolph Hottleman, expert testimony in case of the City vs. O'Brien..	10 00
Amount, miscellaneous.....	744 20
Total Street and Alley, Engineer's Depart't.	28,882 46
Grand total of the several Departments.....	\$214,923 02

## RECAPITULATION OF DEPARTMENT EXPENDITURES.

## GENERAL FUND.

DEPARTMENTS.	Expended in 3 $\frac{3}{8}$ Months, Fiscal Year 1884.	Expended in 2 $\frac{1}{8}$ Months, Fiscal Year 1885.	TOTAL Expended in Six Months.
Officers and Employes.....	\$12,245 62	\$ 8,024 36	\$20,269 98
Police.....	18,964 57	12,975 21	31,939 78
Fire.....	14,962 10	13,563 68	28,525 78
Hospital and Board of Health..	5,142 97	3,433 34	8,576 31
Work-house .....	4,307 23	3,222 30	7,529 53
Gas.....	8,670 92	6,109 58	14,780 50
Printing and Stationery.....	2,935 38	1,713 82	4,649 20
Charity .....	925 00	500 00	1,425 00
Water-works.....		22,380 00	22,380 00
Expense.....	7,063 10	22,402 17	29,465 27
Street Commissioner.....	9,023 71	7,475 50	16,499 21
Engineer.....	14,780 91	14,101 55	28,882 46
Total expended in 3 $\frac{3}{8}$ months...	\$99,021 51		
“ “ “ 2 $\frac{1}{8}$ “ ...		\$115,901 51	
“ “ “ 6 “ ...			\$214,923 02

STATEMENT "B."  
 TABULAR STATEMENT OF DEPARTMENT MONTHLY EXPENDITURES FOR SIX MONTHS  
 ENDING JUNE 30, 1885.

1885.	Officers and Employes.	Police.	Fire.	Hospital and Board of Health.	Work-House.	Gas.	Printing and Stationery.	Charity.	Water-Works.	Expense	Street Commissioner.	Engineer.	Total.
January .....	\$ 2,980 00	\$ 4,635 64	\$ 3,245 42	\$1,280 54	\$1,503 04	\$ 2,365 83	\$ 527 98	\$ 250 00	.....	\$ 1,206 16	\$ 2,496 24	\$ 4,150 86	\$ 24,656 71
February .....	2,810 84	4,630 76	3,741 43	1,261 71	821 90	2,301 23	557 67	250 00	.....	1,469 40	1,575 20	2,648 89	21,868 53
March .....	3,355 23	3,422 66	3,879 87	1,420 08	1,151 96	2,423 69	877 17	250 00	.....	502 20	3,064 39	4,576 92	26,924 19
April 1 to 20...	3,099 53	4,275 51	4,095 38	1,171 64	830 33	1,580 17	972 56	175 00	.....	3,885 34	2,087 88	3,404 74	25,578 08
April 20 to 30.	1,016 17	1,810 25	1,415 95	447 72	255 22	848 80	280 89	.....	.....	302 40	828 74	1,544 00	8,750 14
May .....	2,948 33	5,206 54	3,872 50	1,564 41	1,199 26	2,632 53	662 41	100 00	.....	7,336 59	3,564 77	5,025 51	34,112 85
June .....	4,059 86	3,958 42	8,275 23	1,421 21	1,767 82	2,628 25	770 52	400 00	\$22,380 00	14,763 18	3,081 99	7,532 04	73,038 52
Total .....	\$20,286 98	\$31,939 78	\$28,525 78	\$8,576 31	\$7,529 53	\$14,780 50	\$4,649 20	\$1,425 00	\$22,380 00	\$29,465 27	\$16,499 21	\$28,882 46	\$214,923 02

## STATEMENT "C."

CONDITION OF THE FUND OF EACH DEPARTMENT, IN CONFORMITY WITH APPORTION-  
MENT OF GENERAL FUND FOR THE FISCAL YEAR 1885, FOR 2½ MONTHS ENDING  
JUNE 30, 1885.

DEPARTMENT.	Apportionment this Fiscal Year, including Unexpended Balance of Appropriations made last Fiscal Year.	CASH PAYMENTS.	Unexpended Balance Appropriations for Contract Work, Condemnations, etc.	TOTAL PAID AND APPROPRIATED.	BALANCE OF APPORTIONMENT.	Amount Necessary to Pay Authorized Salaries and Incidental Expenses Balance of Fiscal Year.
Officers and Employees.....	\$49,030 00	\$ 8,024 36	.....	\$ 8,024 36	\$41,005 64	\$41,005 64
Police.....	74,136 00	12,975 21	.....	12,975 21	61,160 79	61,160 79
Fire.....	52,920 00	13,563 68	.....	13,563 68	39,356 32	39,356 32
Hospital and Board of Health.....	20,000 00	3,433 34	.....	3,433 34	16,566 66	16,566 66
Work-house.....	14,000 00	3,222 30	.....	3,222 30	10,777 70	10,777 70
Gas.....	35,000 00	6,109 58	.....	6,109 58	28,890 42	28,890 42
Printing and Stationery.....	10,000 00	1,713 82	.....	1,713 82	8,286 18	8,286 18
Charity.....	3,000 00	500 00	.....	500 00	2,500 00	2,500 00
Water-works.....	46,000 00	22,380 00	.....	22,380 00	23,620 00	23,620 00
Expense.....	40,000 00	22,402 17	.....	22,402 17	17,597 83	17,597 83
Street and } Engineer.....	79,229 91	14,101 55	.....	44,352 53	34,897 38	34,897 38
Alley ..... } St. Commissioner.....	30,000 00	7,475 50	\$30,230 98	7,475 50	22,524 50	22,524 50

## STATEMENT "D."

SPECIAL APPROPRIATIONS, STREET AND ALLEY  
DEPARTMENT.

## FOR CONTRACT WORK.

No. of Ord.	FOR WHAT PURPOSE APPROPRIATED.	Amount Appro- priated.	Amount Ex- pended.	Balance Unex- pended.
25092	Make survey and plans for Sewer-outlet in valley of O K Creek. ....	\$ 219 09	.....	\$ 219 09
26332	Purchase Street-sweeper. ....	425 00	.....	425 00
26734	Construct Alley-drop between Wyandotte and Central south of 14th street. ....	75 00	.....	75 00
27244	Construct Viaduct from 12th street to St. Louis Avenue. ....	14,875 00	.....	14,875 00
27258	Construct a certain Intercepting Sewer near O K Creek. ....	3,357 84	.....	3,357 84
27266	Grade Holly street from 17th to 12th street. ....	218 50	.....	218 50
28056	Remove the arch and raise the walls of cul- vert and construct wooden bridge thereon over 18th street at Forest Avenue. ....	200 00	.....	200 00
28447	Construct a Bridge on 15th street and High- land Avenue. ....	250 00	188 12	61 88
28445	Construct a Catch-basin south-east corner of 18th street and Flora Avenue. ....	125 00	.....	125 00
28819	Construct Stairway north side of 2d street at Walnut street. ....	27 50	.....	27 50
29216	Construct Bridge on Tracy Avenue between 18th and 19th streets. ....	1,407 00	.....	1,407 00
29217	Extend Bridge over O K Creek at Harrison street. ....	500 00	.....	500 00
29221	Construct Catch-basin south-west corner 5th and Walnut streets. ....	26 00	.....	26 00
29219	Construct Wooden Steps at 5th and Harrison streets. ....	50 00	31 35	18 65
29223	Construct two Catch-basins on west side of Santa Fe street and north and south side of St. Louis Avenue. ....	250 00	175 00	75 00
29731	Paint Bluff street Bridge. ....	325 00	.....	325 00
29783	Drain a pond at north-west corner of 11th and Holmes streets. ....	50 00	43 90	6 10
30202	Complete paving of Broadway, the 18 inches outside of railroad tracks. ....	1,700 00	.....	1,700 00
30203	Complete paving of Mulberry street, the 18 inches outside of railroad tracks. ....	800 00	.....	800 00
29545	Drain pond at south-west corner of 5th street and Forest Avenue. ....	50 00	30 80	19 20
30392	Continue construction of Campbell street Public Sewer. ....	1,100 00	.....	1,100 00
Total Contract. ....		\$26,030 93	\$ 469 17	\$25,561 76

## FOR CONDEMNATIONS.

No. of Ord.	FOR WHAT PURPOSE APPROPRIATED.	Amount Appro- priated.	Amount Ex- pended.	Balance Unex- pended.
20626	Open and extend Alley between Wyoming and Genesee from 14th to 16th street. ....	\$ 2 43	.....	\$ 2 43
20769	Open 23d street from Grand Avenue west- wardly. ....	100 00	.....	100 00
21221	Widen Alley 10th to 11th between Main and Delaware streets. ....	1 00	.....	1 00
21225	Widen a part of Liberty street. ....	1 00	.....	1 00
23594	Open Alley in block 1, Rice's Addition. ....	89 50	.....	89 50
24362	Open and extend Alley from 12th to 13th street between Holmes and Charlotte streets. ....	1 00	.....	1 00



STATEMENT "D"—CONTINUED.  
FOR CONDEMNATIONS—Continued.

No. of Ord.	FOR WHAT PURPOSE APPROPRIATED.	Amount Appro- priated.	Amount Ex- pended.	Balance Unex- pended.
24401	Widen a part of 18th street.....	\$ 8 00		\$ 8 00
24541	Open and extend Woodland Avenue from Crouse & Wittich's Addition to Elder's Addition.....	115 50		115 50
24576	Open and extend Independence Avenue from Grand Avenue to Walnut street.....	1,008 79		1,008 79
24907	Open Alley on the north side of block 2, Rob- erts's Addition.....	83 00		83 00
25935	Open Alley west of Pennsylvania Avenue.....	62 00		62 00
26031	Open and extend Wyandotte street south of J. H. McGee's Addition.....	52 00		52 00
26029	Open and extend Central street south of J. H. McGee's Addition.....	64 50		64 50
26039	Establish and open 17th street from Broad- way to Baltimore Avenue.....	1 00		1 00
26034	Open and extend Baltimore Avenue south from Bowman's Subdivision.....	84 00		84 00
26081	Widen 8th street in Rice's Addition.....	33 00		33 00
26247	Widen, open, and extend 8th street from Broadway to Washington street.....	73 50		73 50
.....	Open and extend 13th street from Dundee Place to Vine street.....	250 00		250 00
26567	Open Alley between Highland and Woodland Avenues.....	100 00		100 00
26746	Widen 5th street from Broadway to East Cot- tage Place Addition.....	138 00		138 00
27023	Widen Main street from 10th to 11th street....	94 50		94 50
26462	Open Alley in blocks 4 and 5, Rice's and Ran- son & Hopkins's Addition.....	1 00		1 00
27396	Open and extend Locust street south of 20th street.....	84 00		84 00
27398	Open Alley between Holmes and Charlotte streets from 20th to 21st street.....	1 00		1 00
27701	Open and extend Wyandotte street south from J. H. McGee's Addition.....	1 00		1 00
27732	Widen Main street from 12th street to a point 55 feet north of 10th street.....	50 00	29 50	20 50
28375	Widen Bluff street from 6th to 9th street.....	100 00		100 00
28681	Widen and extend 20th street from McGee's Addition to Broadway.....	300 00		30 00
28887	Widen 13th street between McGee's Addition and Campbell street.....	150 00		150 00
28944	Open and extend 23d street from Adams's Addition to Bouton's Addition.....	92 50		92 50
29102	Open Alley in block 22, McGee's Addition.....	50 00		50 00
29224	Open and extend Madison Avenue from 13th to 12th street.....	300 00	63 00	237 00
29218	Open and extend Locust street south of 20th street.....	544 00		544 00
29346	Widen Alley from 11th to 12th street between Jefferson and Penn streets.....	101 00	26 50	74 50
29344	Open Alley in west half of block 27, Old Town	51 00	40 00	11 00
29735	Widen Main street from 12th to 19th street....	100 00		100 00
30273	Open Alley west of Broadway Addition from Lawton Place to Balis Place.....	50 00		50 00
30278	Open Alley from Forest to Tracy Avenue.....	50 00		50 00
30429	Open and extend Lydia Avenue from Front street to Missouri Avenue.....	100 00		100 00
30377	Open and extend 14th street from Madison Avenue to Bellevue Avenue.....	150 00		150 0
30396	Open and extend 22d street from Troost to Grand Avenue.....	190 00		190 00
Total Condemnations.....		\$ 4,828 22	\$ 159 00	\$ 4,669 22

RECAPITULATION.

Amount unexpended Contract Work.....	\$25,561 76
Amount unexpended Condemnations.....	4,669 22
Total of unexpended appropriations.....	\$30,230 98







## PART SECOND.

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Comptroller's statement of Assessment and Tax-Levy for the year 1885. Apportionment of general fund among the several departments ; department disbursements during 2-3 months of fiscal year, with monthly table thereof. Comparative statement of Miscellaneous Cash Receipts, Assessments, Etc.



## PART SECOND.

### GENERAL FUND FOR FISCAL YEAR 1885.

#### ASSESSED VALUATION OF PROPERTY 1885.

Real Estate.....	\$24,027,440 00
Personal Property .....	3,566,060 00
Banks.....	1,141,000 00
Fire Insurance Companies.....	252,370 00
Life       "       " .....	81,130 00
Merchants' License.....	2,610,520 00
<hr/>	
Total valuation .....	\$31,678,520.00

#### TAX LEVY 1885.

General fund.....	10 Mills.
Bond and Interest fund.....	$1\frac{8}{10}$ "
Funded Debt "B" " .....	$\frac{7}{10}$ "
Sinking fund. ....	$2\frac{5}{10}$ "
<hr/>	
Total levy.....	15 Mills.

#### ESTIMATED REVENUE FOR GENERAL FUND 1885.

General fund tax of 10 mills.....	316,785 20
Miscellaneous licenses.....	90,000 00
Police fines.....	20,000 00
Market fees .....	6,000 00
Dog licenses.....	1,000 00
<hr/>	
Total amount.....	433,785 20
Less rebates on advance tax payments.....	18,285 20
<hr/>	
Net estimated Revenue, general fund,	415,500 00
Add unexpended department balances of	
1884 .....	5,670 76
<hr/>	
Total general fund Revenue for 1885,	\$ 421,170 76

## COMPTROLLER'S OFFICE, MAY 1885.

*To the Finance Committee.*

GENTLEMEN,—The following table, relating to the General Revenue for fiscal year 1885, is furnished for your information in recommending the appointment thereof, among the several city departments.

Respectfully,

NATH. GRANT, Comptroller.

Estimated revenue for general fund, fiscal year	
1885.....	\$415,500 00
Unexpended department balances, fiscal year	
1884 .....	5,670 76
Total estimated revenue to be apportioned	
for fiscal year 1885.....	\$421,170 76



TABLE OF DEPARTMENT EXPENDITURES FISCAL YEAR 1884, AND AMOUNTS ASKED  
FOR BY DEPARTMENT OFFICERS FOR 1885, WITH APPORTIONMENT RECOM-  
MENDED BY COMMITTEE.

DEPARTMENTS.	Salaries and Running Ex- penses of 1884.	Improvements Made in 1884.	Total Expended in 1884.	Necessary as now Organized for 1885.	Amount asked for by Dept. Officers for 1885.	Apportionment recommended by Committee for 1885.
Officers and Employees.....	\$43,990 14	.....	\$43,990 14	\$49,030 00	\$49,030 00	\$49,030 00
Police.....	56,338 30	1,000 00	57,338 30	56,338 30	73,613 64	64,978 30
Fire.....	42,073 61	3,000 00	45,073 61	46,120 00	68,302 00	52,920 00
Hospital, including \$2,500 from County.	13,830 64	6,100 00	19,930 64	16,000 00	34,585 00	20,000 00
Work-house.....	13,148 43	2,900 00	16,048 43	14,000 00	15,000 00	14,000 00
Gas.....	26,201 08	.....	26,201 08	33,092 40	38,000 00	55,000 00
Printing and Stationery.....	8,930 09	.....	8,930 09	10,000 00	10,000 00	10,000 00
Charity.....	4,000 00	.....	4,000 00	3,000 00	3,000 00	3,000 00
Water-works.....	42,580 00	.....	42,580 00	46,000 00	46,000 00	46,000 00
Expense.....	29,766 50	.....	29,766 50	50,000 00	50,000 00	40,000 00
Street Commi-sioner.....	30,211 08	Street Cleaning & repairs.	30,211 08	30,000 00	35,000 00	30,000 00
Engineer.....	17,591 31	88,291 73	105,883 04	Unlimited.	As much as possible.	56,242 46
Totals.....	\$225,661 27	\$101,291 73	\$429,953 00	\$353,580 70	\$422,530 64	\$421,170 76

## ANALYSIS OF FOREGOING TABLE.

Off. & Emp's.	Salaries paid in 1884.....	\$ 43,990 14		Apportionment recommended by Committee.
	Authorized increase of salaries, 1885.....	5,339 86		\$ 49,030 00
	Total necessary.....		\$ 49,030 00	
Police.....	Salaries and running expenses paid in 1884.....	\$ 56,338 30		
	Increase of 25 policemen asked for 1885.....	17,275 84		
	Total asked for 1885.....		73,613 64	64,978 30
Fire .....	Salaries and running expenses paid in 1884.....	\$ 42,073 61		
	Authorized increase of salaries, etc., 1885.....	4,046 39		
	Additional amount asked for 1885.....	22,182 00		
	Total asked for 1885.....		68,302 00	52,920 00
Hospital.....	Salaries and running expenses paid in 1884.....	\$ 13,830 64		
	Authorized increase of salaries, etc., for 1885.....	2,169 36		
	Additional for cholera and garbage fund asked for.....	18,585 00		
	Total asked for 1885.....		34,585 00	20,000 00
Work-house...	Salaries and running expenses paid in 1884.....	\$ 13,148 43		
	Authorized increase of salaries for 1885.....	300 00		
	Additional amount asked for 1885.....	1,551 57		
	Total asked for 1885.....		15,000 00	14,000 00
Gas.....	Cost of lighting in 1884.....	\$ 26,201 08		
	Necessary to light additional lamps now set for 1885.....	6,891 32		
	Additional increase asked for 1885.....	4,907 60		
	Total asked for 1885.....		38,000 00	35,000 00
Prtg. & Stat'y.	Cost for 1884.....	\$ 8,930 09		
	Additional amount asked for 1885.....	1,069 91		
	Total asked for 1885.....		10,000 00	10,000 00
Charity .....	Charity dispensed in 1884.....	\$ 4,000 00		
	Asked for 1885.....		3,000 00	3,000 00
Water-works.	Cost of hydrants in 1884.....	\$ 42,580 00		
	Additional am't needed for 1885.....	3,420 00		
	Total asked for 1885.....		46,000 00	46,000 00
Expense.....	Paid judgments and expenses in 1884.....	\$ 29,766 59		
	Additional needed to pay judgments, 1885.....	20,233 41		
	Total asked for 1885.....		50,000 00	40,000 00
Street Com'r..	Expended in 1884.....	\$ 30,211 08		
	Additional asked for in 1885.....	4,788 92		
	Total asked for 1885.....		35,000 00	30,000 00
Engineer.....	Amount expended in 1884.....	\$105,883 04	As much as possible,	56,242 46
	Needed for 1885.....			
Total asked for exclusive of Engineer's Department.....			\$422,530 64	
Total estimated revenue.....			421,170 76	
Deficit .....			\$ 1,359 88	
Total apportioned.....				\$421,170 76
Total estimated general revenue.....				\$421,170 76

## REPORT OF FINANCE COMMITTEE.

*To the Honorable Common Council.*

GENTLEMEN,—Your Finance Committee having duly considered the question of apportioning the General Fund for the fiscal year 1885, herewith present, for your consideration, the forgoing table and analysis. By reference thereto, it will be observed the aggregate amount asked for by the several department officers for 1885—with no allowance made for public improvements by the Engineer's Department, or for the expenses thereof, exceeds the total estimated general revenue for the fiscal year, \$1,359.88; hence, it became necessary to reduce the amounts asked for by department officers to cover such deficit; and to provide a fund for public improvements, to a limited extent, during the fiscal year. This has been done in such a ratio, as will, in the judgment of your Committee, best subserve the general interests and welfare of the city. We, therefore, submit an ordinance apportioning the fund in accordance therewith, as shown in the first right hand column of the table referred to, and respectfully recommend its passage.

J. K. DAVIDSON,  
GEO. W. TOURTELLOT,  
CHAS. E. MOSS,  
Finance Committee.

The following is a list of public improvements, which your Committee has been requested to provide for by different members of the Council, viz.:

Placing names of streets on street-lamps. ....	\$ 1,500 00
Extention of intercepting public sewer, Third Ward	20,000 00
Construction of Lincoln and Henning streets public sewer.....	9,700 00
Extention of Gillis street public sewer.....	7,015 00
Extention of Main street public sewer.....	3,500 00
Extention of Walnut street public sewer.....	4,000 00
Outlet to main sewer, District 40 .....	1,675 00
Repair bridge, O. K. Creek, at Charlotte street. ....	200 00
Additional sum to construct bridge on Tracy Ave...	407 00
To pay Mrs. Burke.....	180 00
For sundry condemnations.....	1,500 00
To repair Bluff street wall—probably .....	4,000 00
Total.....	\$ 53,677 00

## ORDINANCE APPORTIONING GENERAL FUND AS RECOMMENDED BY FINANCE COMMITTEE.

*An Ordinance Apportioning the General Fund of the City of Kansas for the fiscal Year 1885 :*

WHEREAS, It is estimated that the sum of four hundred and fifteen thousand and five hundred dollars (\$415,500) will be realized from all sources on account of the general fund of the City for the fiscal year 1885, which, together with the unexpended department balances of 1884, will amount in the aggregate to four hundred and twenty-one thousand one hundred and seventy dollars and seventy-six cents (\$421,170.76), therefore,

*Be it ordained by the Common Council of the City of Kansas :*

SECTION 1. That the said sum of \$421,170.76 be and the same is hereby apportioned among the several Departments of the City Government for the fiscal year 1885 as follows, to-wit:

To Officers and Employees Department, for payment of salaries, to include Treasurer's Commissions and extra clerical work in Comptroller's office, as per "Salary Ordinance.....	\$ 49,030 00
To Police Department, to pay salaries and incidental expenses, to include 12 additional patrolmen at \$60 per month each.....	\$ 64,978 30
To Fire Department, to pay salaries, running expenses, new hose, completion of Liberty street station, lot and building for station on or near Penn street, new hose reel, etc.....	\$ 52,920 00
To Hospital and Board of Health Department, to pay salaries, hospital supplies, and to finish the new hospital building.....	\$ 20,000 00
To Work-house Department, to pay salaries, repairs, and necessary supplies.....	\$ 14,000 00
To Gas Department, to pay for gas and gasoline street lighting, gas meters at City Hall, market-house, police and fire stations, and electric light at Bluff-street bridge. ....	\$ 35,060 00

To Printing and Stationery Department, to pay for newspaper city printing, books, blanks, postage, stationery, law briefs, and printing official reports, etc.....	\$ 10,000 00
To Charity Department.....	\$ 3,000 00
To Water-works Department, to pay hydrant rent, as per contract.....	\$ 46,000 00
To Expense Department, to pay damage judgments, fee-bills, legal services, office rent, and for office furniture, fuel, and all other necessary incidental expenses of the City, not otherwise provided for,	\$ 40,000 00
To Street and Alley Department, viz. :	
To Street Commissioner, for cleaning and repairing streets and alleys, catch-basins, laying new and repairing old street crossings, etc., etc., under general supervision of the City Engineer .....	\$ 30,000 00
To Engineer's Department, for salaries of inspectors, and other employees in engineer's office and draughting room, engineering instruments, and such public works as may be provided for by ordinance.....	\$ 56,242 46
The total sum apportioned, as aforesaid, amounts in all to four hundred and twenty-one thousand one hundred and seventy dollars and seventy-six cents.....	\$421,170 76

SEC. 2. No Department shall be credited with the sum apportioned thereto, or any part thereof, except as collections are made by the City Treasurer, and each department shall, as funds are received by the City Treasurer, be credited *pro rata*, monthly, by the Comptroller, according to the foregoing apportionment; the object and intent of this ordinance being to provide for public works under proper headings and to fix a scale for the distribution of the general fund among the several Departments of the City; and to govern and limit the appropriations and expenditures therein to the amount collected and credited to each department, as provided in Section 1 of this ordinance, and in accordance with the provisions of Section 1, Article III, page 13, and Section 29, Article V, page 29 of the City Charter.

SEC. 3. Should the general revenue of the City for the fiscal year amount to more than the foregoing named total



sum, the surplus may be apportioned among the several Departments or any of them, as may be hereafter provided by ordinance.

Approved May 15, 1885.

Attest:

JOHN W. MOORE,

[SEAL.]

Mayor.

H. P. LANGWORTHY, *City Clerk.*

The foregoing apportionment was subsequently changed, *increasing* the Police Fund from \$64,978.30 to 74,136.00 and *reducing* the Engineer's Fund from \$56,242.46 to 47,084.76, the final apportionment being as follows:

Officers and Employees Department.....	\$ 49,030 00
Police Department.....	74,136 00
Fire Department.....	52,920 00
Hospital and Board of Health Department.....	20,000 00
Work-house Department.....	14,000 00
Gas Department.....	35,000 00
Printing and Stationery Department.....	10,000 00
Charity Department.....	3,000 00
Water-works Department.....	46,000 00
Expense Department.....	40,000 00
Street Commissioner's Department .....	30,000 00
Engineer's Department.....	47,084 76
Total apportionment.....	<hr/> \$421,170 76



STATEMENT OF DEPARTMENT FUNDS COVERING  
APPORTIONMENTS, DISBURSEMENTS AND AP-  
PROPRIATIONS DURING THE FIRST  $2\frac{1}{3}$  MONTHS  
OF THE FISCAL YEAR 1885, FROM APRIL 20TH  
TO JUNE 30TH, SAID DISBURSEMENTS BEING  
ALSO INCLUDED IN THE PRECEDING SEMI-  
ANNUAL REPORT.

OFFICERS AND EMPLOYEES DEPARTMENT.

Amount apportioned for the fiscal year 1885.....	\$ 49,030 00
June 30, cash disbursements $2\frac{1}{3}$ months.....	8,024 36
June 30, balance of apportionment.....	<u>41,005 64</u>

POLICE DEPARTMENT.

Amount apportioned for the fiscal year 1885.....	\$ 74,136 00
June 30, cash disbursements $2\frac{1}{3}$ months.....	12,975 21
June 30, balance of apportionment.....	<u>\$ 61,160 79</u>

FIRE DEPARTMENT.

Amount apportioned for the fiscal year 1885.....	\$ 52,920 00
June 30, cash disbursements $2\frac{1}{3}$ months.....	13,563 68
June 30, balance of apportionment .....	<u>\$ 39,356 32</u>

HOSPITAL AND BOARD OF HEALTH DEPARTMENT.

Amount apportioned for the fiscal year 1885.. .....	\$ 20,000 00
June 30, cash disbursements $2\frac{1}{3}$ months . .....	3,433 34
June 30, balance of apportionment.....	<u>\$ 16, 566 66</u>

WORK-HOUSE DEPARTMENT.

Amount apportioned for the fiscal year 1885.....	\$ 14,000 00
June 30, cash disbursements $2\frac{1}{3}$ months .....	3,222 30
June 30, balance of apportionment.....	<u>\$ 10,777 70</u>

GAS DEPARTMENT.

Amount apportioned for the fiscal year 1885.....	\$ 35,000 00
June 30, cash disbursements $2\frac{1}{3}$ months .....	6,109 58
June 30, balance of apportionment.....	<u>\$ 28,890 42</u>

## PRINTING AND STATIONERY DEPARTMENT.

Amount apportioned for the fiscal year 1885 .....	\$ 10,000 00
June 30, cash disbursements $2\frac{1}{2}$ months.....	<u>1,713 82</u>
June 30, balance of apportionment.. .....	\$ 8,286 18

## CHARITY DEPARTMENT.

Amount apportioned for the fiscal year 1885.. .....	\$ 3,000 00
June 30, cash disbursements $2\frac{1}{2}$ months.....	<u>500 00</u>
June 30, balance of apportionment.....	\$ 2,500 00

## WATER-WORKS DEPARTMENT.

Amount apportioned for the fiscal year 1885.....	\$ 46,000 00
June 30, cash disbursements $2\frac{1}{2}$ months.....	<u>22,380 00</u>
June 30, balance of apportionment.....	\$ 23,620 00

## EXPENSE DEPARTMENT.

Amount apportioned for the fiscal year 1885.....	\$ 40,000 00
June 30, cash disbursements $2\frac{1}{2}$ months .....	<u>22,402 17</u>
June 30, balance of apportionment.....	\$ 17,597 83

## STREET COMMISSIONER'S DEPARTMENT.

Amount apportioned for the fiscal year 1885.....	\$ 30,000 00
June 30, cash disbursements $2\frac{1}{2}$ months.....	<u>7,475 50</u>
June 30, balance of apportionment.....	\$ 22,524 50

## ENGINEER'S DEPARTMENT.

Amount apportioned for the fiscal year 1885.. .....	\$ 47,084 76
For salaries of employes.....	17,084 76
For Public Improvements.....	30,000 00
Balance of unexpended appropriations for the year 1884, held in treasury for completion of public works .....	<u>32,145 15</u>
Total for the year.....	\$ 79,229 91
June 30, cash disbursements $2\frac{1}{2}$ months of fiscal year 1885.....	<u>\$14,101 55</u>
June 30, unexpended appropriation.....	30,230 98
Total disbursed and appropriated.....	<u>44,332 53</u>
Balance of apportionment.....	\$ 34,897 38

RECAPITULATION OF DEPARTMENT EXPENDITURES FROM  
GENERAL FUND DURING 2½ MONTHS OF FISCAL  
YEAR 1885, ENDING JUNE 30.

Officers and employes.....	\$	8,024	36
Police.....		12,975	21
Fire.....		13,563	68
Hospital and Board of Health.....		3,433	34
Work-house.....		3,222	30
Gas.....		6,109	58
Printing and Stationery.....		1,713	82
Charity.....		500	00
Water-works.....		22,380	00
Expense.....		22,402	17
Street Commissioner.....		7,475	50
Engineer.....		14,101	55
Total .....	\$	115,901	51

## STATEMENT "F."

## DEPARTMENT MONTHLY EXPENDITURES, FISCAL YEAR 1885, FOR TWO AND ONE-THIRD MONTHS TO JUNE 30, 1885.

1885.	Officers and Employees.	Police.	Fire.	Hospital and Board of Health.	Work-House.	Gas.	Printing and Stationery.	Charity.	Water-Works.	Expense.	Street Commissioner.	Engineer.	Total.
April 21 to 30..	\$ 1,016 17	\$ 1,810 25	\$ 1,415 95	\$ 447 72	\$ 255 22	\$ 848 80	\$ 280 89			\$ 302 40	\$ 828 74	\$ 1,544 00	\$ 8,750 14
May .....	2,948 33	5,206 54	3,872 50	1,564 41	1,199 26	2,632 53	662 41	100 00		7,336 59	3,564 77	5,025 51	34,112 85
June .....	4,059 86	5,958 42	8,275 23	1,421 21	1,767 82	2,628 25	770 52	400 00	22,380 00	14,763 18	3,081 99	7,532 04	73,038 52
Total.....	\$ 8,024 36	\$ 12,975 21	\$ 13,563 68	\$ 3,433 34	\$ 3,222 30	\$ 6,109 58	\$ 1,713 82	\$ 500 00	\$ 22,380 00	\$ 22,402 17	\$ 7,475 50	\$ 14,101 55	\$ 115,901 51

## STATEMENT "G."

COMPARATIVE STATEMENT OF MISCELLANEOUS  
CASH RECEIPTS DURING 2½ MONTHS OF  
FISCAL YEARS 1884 AND 1885, TO  
JUNE 30 EACH YEAR.

Miscellaneous Licenses, 1885.....	\$ 47,426 51	
"          "          1884.....	40,012 97	
Increase.....		\$ 7,413 54
Market Master, 1885.....	\$ 1,892 45	
"          "          1884.....	1,833 00	
Increase .....		\$ 59 45
Police Fines, 1885.....	\$ 3,865 00	
"          "          1884.....	4,259 90	
Decrease.....		\$ 394 90
Dog Tax, 1885.....	\$ 1,060 00	
"          "          1884.....	733 00	
Increase.....		\$ 327 00

## RECAPITULATION.

Total increase.....	\$ 7,799 99	
" decrease .....	394 90	
Net increase.....		\$ 7,405 09

COMPARATIVE STATEMENT OF REBATES AND PEN-  
ALTIES ON TAX COLLECTIONS DURING 2½  
MONTHS OF 1884 AND 1885, TO JUNE 30  
EACH YEAR.

Rebate, 1885.....	\$ 20,097 99	
Penalty, 1885.....	188 94	
Rebate in excess of penalty, 1885.....		\$ 19,909 05
Rebate, 1884.....	\$ 19,452 42	
Penalty, 1884.....	75 53	
Rebate in excess of penalty, 1884.....		\$ 19,376 89
Increased rebates over year, 1884.....		\$ 532 16

## STATEMENT "H."

## ASSESSMENT ROLLS AND TAX LEVY.

## ASSESSMENT ROLL, 1878.

Real estate.....	\$ 6,637,340 00
Personal property.....	1,475,290 00
Merchants' tax .....	979,690 00
Total .....	<u>\$ 9,092,320 00</u>
Tax levy, 26 mills.	

## ASSESSMENT ROLL, 1879.

Real estate.....	\$ 7,780,240 00
Personal property.....	1,535,660 00
Merchants' tax.....	1,290,760 00
Total.....	<u>\$10,606,660 00</u>
Tax levy, 25 mills.	

## ASSESSMENT ROLL, 1880.

Real estate.....	\$ 9,389,560 00
Personal property.....	2,354,580 00
Merchants' tax.....	1,634,810 00
Total.....	<u>\$13,378,950 00</u>
Tax levy, 22 mills.	

## ASSESSMENT ROLL, 1881.

Real estate.....	\$12,330,700 00
Personal property.....	3,042,570 00
Merchants' tax.....	1,935,480 00
Total.....	<u>\$17,308,750 00</u>
Tax levy, 20 mills.	

## ASSESSMENT ROLL, 1882.

Real estate.....	\$18,719,720 00
Personal property.....	3,389,850 00
Merchants' tax.....	2,206,450 00
Total .....	<u>\$24,316,020 00</u>
Tax levy, 17½ mills.	



## ASSESSMENT ROLL, 1883.

Real estate.....	\$19,940,210 00
Personal property.....	4,383,925 00
Merchants' tax.....	2,431,180 00
Total.....	<u>\$26,755,315 00</u>
Tax levy, 16 mills.	

## ASSESSMENT ROLL, 1884.

Real estate.....	\$23,290,180 00
Personal property.....	5,122,150 00
Merchants' tax.....	2,487,670 00
Total.....	<u>\$30,900,000 00</u>
Tax levy, 15 mills.	

## ASSESSMENT ROLL, 1885.

Real estate.....	\$24,027,440 00
Personal property.....	5,040,560 00
Merchants' tax.....	2,610,520 00
Total.....	<u>\$31,678,520 00</u>
Tax levy, 15 mills.	



Dec.	14	1:30 p.m.	16 West 5th.	Moore & Taylor	Same.	800 00	1,300 00	1-story frame	Feed Store	Unknown
"	17	2:30 a.m.	20th, bet. Main & Wal.	Keith & Perry.	Same.	75 00	500 00	1-story brick	Coal Office	Defective flue.
"	18	7:00 p.m.	20th, bet. Main & Wal.	G. F. Sullivan	Same.	5 00		2-story frame	Residence	Defective flue.
"	19	7:40 p.m.	914 Washington	T. O. Sullivan	David Craig			1-story frame	Stable	Lantern explo.
"	20	5:15 p.m.	St. Louis av. and Bell.	Sand Juniper.	Same.	800 00		Frame	Blacksmith's	Unknown
"	21	4:00 a.m.	127th and Highland	J. F. Nelson.	Same.	20 00	700 00	2-story frame	Dwelling	Defective flue.
"	22	7:00 p.m.	404 Campbell	Mrs. Cowie.	James Caylor	20 00		2-story frame	Meat Market	Defective flue.
"	25	2:00 p.m.	151 West 12th.	John Doherty	N. Jacobs	25 00	1,000 00	2-story brick	Residence	Defective flue.
"	26	1:30 a.m.	812 East 5th.	Unknown						False alarm
"	28	6:15 p.m.	1833 Main							Accidental
"	27	7:00 a.m.	709 Delaware.	Bullene, M. & E	Same.	40 00	50,000 00	4-story brick	Dry Goods	Accidental
"	27	7:15 a.m.	6th and Main.	W. S. Lohenstein	North, O. & Co.	11,000 00	22,000 00	1-story brick	Furniture	Carelessness
"	27	3:00 p.m.	517 McGee.	Mrs. Stowe.	P. W. Marth			1-story frame	Dwelling.	Defective flue.
"	30	3:00 a.m.	1211 Grand av.	S. Z. Schutte.	C. L. Atwater	130 00	1,350 00	1-story brick	Store.	Carelessness.
"	31	7:15 p.m.	709 & 711 May.	Victor Buck.	W. Dawson		10,000 00	3-story brick	Boarding Ho.	Accidental
Jan.	1	4:00 p.m.	921 Harrison.							False alarm.
"	1	6:30 p.m.	107 West 10th.	Pat. Connors.	M. H. Wisburn.	180 00	2,000 00	2-story brick	Residence	Unknown
"	2	1:30 p.m.	912 McGee.	Mrs. Smith.	W. M. Holden	10 00		2-story frame	Residence	Carelessness.
"	4	1:00 p.m.	St. Louis av. & Mulberry	Mr. Seice.	Hoffman & K.	150 00	1,000 00	2-story frame	Cigar Store	Accidental.
"	4	9:15 p.m.	317 Main.	John Long.	Mr. Houser.	5 00	3,000 00	2-story frame	Dry Goods	Defective flue.
"	5	6:45 p.m.	606 Main	A. L. Mason.	A. M. Sloss.		400 00	3-story brick	Millinery	Carelessness.
"	9	9:00 p.m.	5th and Main.	L. Hammers'gh	Same.		5,000 00	3-story brick	Clothing Ho.	Accidental.
"	12	7:00 p.m.	18th and Harrison.							False alarm.
"	13	12:00 p.m.	1511 Grand av.	J. C. Warneke.	Mrs. S. Benedict	800 00	1,500 00	3-story brick	Millinery	Unknown
"	14	8:30 a.m.	132 Walnut	Mr. J. Smith	J. C. Bash.	5 00		2-story frame	Residence	Defective flue.
"	15	10:00 p.m.	9th and Liberty	Jacob Bold.	Same.	50 00	100,000 00	3-story brick	Packing Ho.	Carelessness.
"	15	11:45 p.m.	1st and Broadway	H. & S. J. R. Co	Same.	5 00		1-story frame	Watch-box	Lamp explosion.
"	19	9:00 p.m.	725 Main	Henry Ricketts	W. H. Paret.	200 00	500 00	3-story brick	Clothing Ho.	Supposed incend.
"	20	9:00 p.m.	1192 Union av	Mr. Penfield.	A. Booth.	15 00	2,500 00	3-story brick	Oyster House	Hot stove.
"	21	12:00 p.m.	Kansas City, Kas							Out-side limits.
"	21	6:15 p.m.	22d and Summit	John Seearce.	Same.	5 00		1-story frame	Residence	False alarm.
"	22	6:00 p.m.	1003 Lydia av.	E. Jackard.	R. H. C. Yancy.	50 00		2-story frame	Residence	Defective flue.
"	23	12:00 m.	631 Holmes	Hitt & Elkins.	Nelson Estate.	50 00	11,000 00	1-story brick	Tailor Store	Unknown.
"	26	3:30 p.m.	904 Main	Fowler Bros.	Same.					Outside limits.
"	26	2:00 p.m.	13th and Grand av.	Mrs. Jenkins.	Mr. Albright.	75 00	125 00	2-story brick.	Residence	Unknown
"	27	2:30 p.m.	406 McGee.	Mr. Updegraph	Moses Morgan.	20 00		1 1/2 sto. frame	Residence	Defective flue.
"	27	6:30 p.m.	1929 Grand av	Mr. Bishel	Geo. Market.	5 00	10 00	2-story frame	Residence	Lamp explosion.
"	28	7:45 p.m.	1225 Wyoming	Chas. O. Sumner	Joe W. Wirt.			1-story frame	Restaurant	Gasoline stove ex
"	30	2:00 p.m.	310 West 6th.	W. H. Mosley.	Same.	100 00		1-story frame	Dwelling.	Carelessness.
"	31	2:20 p.m.	1620 West 9th.	Albert Shatzer.	Same.	25 00		1-story frame	Residence	Defective flue.
"	31	6:30 p.m.	819 East 8th.	Thos. Corrigan.	Lewis Coleman	150 00		1-story frame	Residence	Defective flue.
"	3	3:30 p.m.	1213 Baltimore av	Unknown	Nancy Blenford	200 00		2-story frame	Residence	Carelessness.
Feb.	5	6:30 p.m.	1010 Lydia av.	J. H. North.	Same.	5 00	1,500 00	2-story frame	Residence	Carelessness.

1885.

April 4	12:20 p.m.	1063 & 1065 St. Louis av...	Huggins & Co...	Same.....					30,000 00	4-story brick..	Cracker Fac	Accidental	Tele.
"	4	3:30 p.m.	1302 Broadway .....	Mr. Emery.....	J. P. McCutchen	400 00	4,000 00	25 00				False alarm...	"
"	5	11:30 p.m.	17th & Liberty .....	Ed. S. J. & C. F. A. S.	Same.....	30 00	1,650 00			1-story frame.	Oil-house.	Supposed incendi.	"
"	9	10:30 a.m.	1114 McGee.....	Mrs. N. Nelson.	Same.....		2,500 00			1,000 00	2-story brick.	Unknown.	"
"	11	4:15 p.m.	Inde. av. and Holmes...									False alarm...	"
"	18	1:20 a.m.	16th and Liberty .....									False alarm...	"
"	18	10:30 p.m.	21st and Grand av.....	Moore & Bush...	Same.....	25 00		300 00		2,500 00	2-story frame.	Iron Works...	"
						\$81,465 00	724,350 00	112,138 00		1,062,960 00			



# OFFICERS' REPORTS

For the Fiscal Year 1884.

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Commencing April 21, 1884,

—AND—

Ending April 20, 1885.







## TREASURER'S REPORT.

OFFICE OF CITY TREASURER, }  
KANSAS CITY, Mo., APRIL 20, 1885. }

*Nathaniel Grant, Esq, Comptroller of the City of Kansas:*

DEAR SIR,—I herewith submit the City Treasurer's report for the fiscal year 1884, as required by Section 24 of Article IV of the amended City Charter.

Respectfully,

L. B. EVELAND,  
*City Treasurer.*

### RECEIPTS.

By land tax, 1884.....	\$338,287 20
“ personal-property tax, 1884 .....	68,199 76
“ merchants'-license tax, 1884.....	38,075 73
“ miscellaneous licenses. ....	90,186 60
“ delinquent land tax, 1865 to 1875.....	25 82
“ “ “ “ 1877.....	13 50
“ “ “ “ 1878.....	16 12
“ “ “ “ 1879.....	4 50
“ “ “ “ 1880.....	5 72
“ “ “ “ 1881 .....	8 00
“ “ “ “ 1882 .....	61 60
“ “ “ “ 1883.....	28 80
“ “ personal-property tax, 1877 to 1880, from City Counselor.....	811 98
By delinquent personal-property tax, 1881, from City Counselor .....	562 33
By delinquent personal-property tax, 1882, from City Counselor.....	724 25
By delinquent personal-property tax, 1883, from City Counselor.....	2,004 33
By delinquent personal-property tax, 1884, from City Counselor.....	2,090 38
By delinquent merchants'-license tax, 1881 from City Counselor.....	54 72
By delinquent merchants'-license tax, 1882, from City Counselor .....	163 88
By delinquent merchants'-license tax, 1883, from City Counselor .....	130 54

By delinquent merchants'-license tax, 1884, from City Counselor.....	7 95
By railroad tax, 1884, from County Collector.....	7,407 12
By police fines, unclaimed money, and sale of unclaimed property, from Police Clerk.....	14,483 55
By work-house fines, " " " .....	2,030 30
" market fees, from Market Master.....	9,709 78
" special tax-bills for repairing sidewalks, from City Counselor... ..	188 64
By special tax-bill for repairing curbing, from City Counselor.....	81 19
By judgments on delinquent merchants'-license tax, 1878, from City Counselor.....	386 38
By judgments on delinquent land taxes, from City Counselor.....	255 35
By condemnation of Lydia Avenue from 9th street to Independence Avenue, from City Counselor...	180 11
By condemnation of Walnut street south of Union Transit Co's land, from City Counselor.....	2,761 82
By condemnation of an alley in block 10, in Hubbard's Addition, from City Counselor.....	772 65
By condemnation of an alley from 9th to 10th street, bet. Holmes and Charlotte streets, from City Counselor.....	1,294 67
By condemnation of Walnut street from 9th to 12th street, from City Counselor.....	125 24
By condemnation of Flora Avenue from 12th to 18th street, from City Counselor.....	2,222 12
By condemnation of 19th street from Main street to alley west, from City Bounseler.....	134 55
By condemnation of 15th street from Penn to Broadway, from City Counselor.....	3,977 57
By condemnation of an alley in block 6, Depot Addition, from City Counselor.....	1 00
By condemnation of an alley from 10th to 11th street, bet. Main and Delaware streets, from City Counselor.....	45
By condemnation of Central street, from City Counselor.....	14 38
By condemnation of an alley from 16th to 17th street bet. McGee and Oak streets, from Gity Counselor	12 50
By condemnation of an alley from 12th to 13th street bet. Holmes and Charlotte streets, from City Counselor.....	583 98
By condemnation of 17th street, from Summit to Dripps street, from City Counselor.....	1,455 04
By condemnation of Grove street from 6th to 12th street, from City Counselor.....	112 06

By condemnation of an alley from lot 118, Hurck's Subdivision, south, from City Counselor.....	29 05
By condemnation of 16th street from Summit to Jarboe street, from City Counselor.....	5,157 77
By condemnation of Highland Avenue from Independence Avenue north, from city counselor.....	5,427 64
By condemnation of Washington street from 16th to 17th street, from City Counselor.....	155 18
By condemnation of Walnut street from 9th to 12th street, from City Auditor.....	36 49
By unclaimed redemption money sale of 1879, from City Auditor.....	18 95
By sale of old Bluff-street bridge, from Comptroller and Engineer.....	436 68
By rent of rooms, filling cisterns, and sale of old hose, from Chief of Fire Department.....	235 00
By O. B Gunn, on account of party wall, from Chief of Fire Department.....	33 00
By sale of stock, from Public Impounder.....	13 00
By sale of old wagon, from Supt. of Work-house....	25 00
By engineers' licenses, engineers' permits, and boiler fees, from Boiler Inspector.....	1,490 00
By condemnation of Walnut street south of Union Transit Co.'s land, from City Clerk.....	2,456 98
By condemnation of 16th street from Summit to Jarboe, from City Clerk.....	2,369 46
By condemnation of Highland Avenue from Independence Avenue north, from City Clerk.....	571 00
By condemnation of an alley from Independence Avenue to 8th street between Holmes and Charlotte streets, from City Clerk.....	435 54
By condemnation of an alley from 20th to 21st street, between Holmes and Charlotte streets, from City Clerk.....	16 00
By condemnation of Flora Avenue from 12th to 18th street, from Sheriff.....	116 15
By condemnation of Grove street from 6th to 12th street, from Sheriff.....	100 63
By condemnation of an alley from lot 118, Hurck's Subdivision, south, from Sheriff.....	144 12
By condemnation of 17th street from Summit to Dripps street, from Sheriff.....	60 25
By condemnation of 15th street from Penn to Broadway, from Sheriff.....	1,686 11
By condemnation of an alley from 12th to 13th street between Holmes and Charlotte streets, from Sheriff.....	420 27

By condemnation of Washington street from 16th to 17th street, from Sheriff.....	214 37
By condemnation of Wyoming street from 19th street south, from Comptroller.....	1 00
By condemnation of 14th street from east side of McGee's Addition to Campbell street, from Comptroller .....	1 00
By condemnation of an alley from 16th to 17th street between McGee and Oak streets, from Comptroller.....	2 00
By condemnation of an alley from 14th to 15th street between Holmes and Charlotte streets, from Comptroller.....	1 00
By condemnation of a public street in Ranson Place, from Comptroller.....	1 00
By condemnation of Central street south of J. H. McGee's Addition, from Comptroller.....	1 00
By condemnation of 19th street from Main street to alley west, from Comptroller.....	64 87
By J. S. Chick, for advance payment of coupons, from Comptroller.....	45 00
By County Court on account of Hospital building, from Comptroller.....	2,500 00
By seven warrants marked void, turned back into treasury, from Comptroller.....	62 45
By L. Hazzard, for quitclaim deed to lot 36, block 9. McGee Place, from Comptroller.....	239 50
By dog-tax.....	1,144 00
By condemnation of an alley from 20th to 21st street between Holmes and Charlotte streets.....	7 00
By semi-annual interest on \$15,000.00 in school bonds.....	375 00
By condemnation of Central street south of J. H. McGee's Addition.....	6 15
By special tax-bills for repairing curbing.....	155 87
By balance on hand April 21, 1884.....	175,841 60
	<hr/>
	\$791,751 24
Less rebate on taxes in excess of penalty.....	17,152 59
	<hr/>
	\$774,598 65

## EXPENDITURES.

To Bonds due July 1, 1890.....	13,000 00
“ “ “ “ 1, 1897.....	37,000 00
“ Coupons due July 1, 1883.....	35 00
“ “ “ November 1, 1883.....	280 09
“ “ “ January 1, 1884.....	35 00
“ “ “ February 15, 1884.....	480 00

To Coupons due May 1, 1884.....	12,200 00
“ “ “ June 1, 1884.....	4,400 00
“ “ “ June 15, 1884.....	2,400 00
“ “ “ July 1, 1884.....	13,495 00
“ “ “ August 15, 1884.....	8,460 00
“ “ “ November 1, 1884.....	12,120 00
“ “ “ December 1, 1884.....	4,400 00
“ “ “ December 15, 1884.....	2,400 00
“ “ “ January 1, 1885.....	13,425 00
“ “ “ February 15, 1885.....	7,760 00
“ “ “ July 1, 1885.....	1,295 00
“ City currency.....	133 00
“ Warrants. Refunding-tax account.....	450 82
“ “ General fund.....	424,416 26
“ “ condemnation of Guinotte Avenue....	1,048 84
“ “ “ “ Jefferson street .....	7 50
“ “ “ “ 19th street from Main street to the alley west.. ..	281 70
To Warrants, condemnation of 6th street from Tracy to Woodland Avenue.....	592 18
To Warrants, condemnation of widening Dripps street.....	427 72
To Warrants, condemnation of Lydia Avenue from 12th to 18th street.....	55 02
To Warrants, condemnation of Walnut street from 9th to 12th street.....	312 48
To Warrants, condemnation of Flora Avenue from 12th to 18th street.....	2,609 80
To Warrants, condemnation of an alley from 9th to 10th street between Holmes and Charlotte streets.....	1,221 00
To Warrants, condemnation of 15th street from Penn to Broadway.....	5,663 68
To Warrants, condemnation of 17th street from Sum- mit to Dripps street.....	1,515 29
To Warrants, condemnation of an alley from lot 118, Hurck's Subdivision, south.....	142 00
To Warrants, condemnation of 16th street from Summit to Jarboe.....	2,189 00
To Warrants, condemnation of Highland Avenue from Independence Avenue north.....	5,194 00
To Warrants, condemnation of an alley in block 10, Hubbard's Addition.....	772 65
To Warrants, condemnation of an alley from 14th to 15th street between Holmes and Charlotte streets.....	78

To Warrants, condemnation of Lydia Avenue from 9th street to Independence Avenue.....	100 00
To Warrants, condemnation of Washington street from 16th to 17th street.....	300 00
To Warrants, condemnation of Grove street from 6th to 12th street....	211 63
To Warrants, condemnation of an alley from 12th to 13th street between Holmes and Charlotte streets .....	881 62
To Bonds on hand April 20, 1885.....	15,000 00
To Cash " " " " .....	177,886 68
	<hr/>
	\$774,598 65



# AUDITOR'S ANNUAL REPORT FOR THE FISCAL YEAR ENDING APRIL 20, 1885.

OFFICE OF CITY AUDITOR, }  
KANSAS CITY, Mo., April 21, 1885. }

*Hon. Nathaniel Grant, Comptroller of the City of Kansas, Mo.:*

DEAR SIR,—In compliance with Section 24 of Article IV of the City Charter, I herewith submit my annual report for the fiscal year ending April 20, 1885.

Very respectfully,

B. D. WEST,  
*City Auditor of the City of Kansas, Mo.*

## RECEIPTS.

Interest on bonds.....	375 00
Special tax-bills.....	425 70
Market Master.....	9,709 78
Delinquent land tax of 1877.....	13 50
“ “ “ “ 1878.....	16 12
“ “ “ “ 1879.....	4 50
“ “ “ “ 1880.....	5 72
“ “ “ “ 1881.....	8 00
Dog tax.....	1,144 00
Delinquent land tax, 1882.....	61 60
“ Personal-property tax, 1882.....	498 45
“ Merchants'-license tax, 1882.....	158 76
“ Land tax, 1883.....	28 80
“ Personal-property tax, 1883.....	1,977 54
“ Merchants'-license tax, 1883.....	134 12
Land tax, 1884.....	338,287 20
Personal-property tax, 1884.....	68,199 76
Delinquent personal-property tax, 1884.....	1,989 68
Merchants'-license tax, 1884.....	38,075 73
Delinquent merchants'-license tax, 1884.....	7 50
Police fines.....	16,513 85
Public Impounder.....	13 00
Judgments.....	641 73
Miscellaneous licenses.....	90,186 60
Miscellaneous receipts.....	5,085 58
Delinquent land tax, 1865 to 1875.....	25 82
Railroad tax, 1884.....	7,407 12

Delinquent personal-property tax, 1881.....	364 90
“ Merchants'-license tax, 1881.....	31 00
“ Personal-property tax, 1877.....	110 84
“ “ “ 1878.....	63 74
“ “ “ 1879.....	223 00
“ “ “ 1880.....	116 47
Total receipts .....	<u>\$581,905 11</u>

## EXPENDITURES.

City currency.....	133 00
Water-works Department.....	42,580 00
Coupons .....	83,185 00
Officers and Employes' Department.....	43,990 14
Police Department.....	57,338 30
Fire Department.....	45,073 61
Hospital Department .....	19,930 64
Work-house Department.....	16,048 43
Gas Department.....	26,201 08
Printing and Stationery Department.....	8,930 09
Expense Department.....	29,766 59
Street and Alley (Commissioner) Department.....	31,211 08
Street and Alley (Engineer) Department.....	105,883 04
Charity Department.....	3,000 00
Penalty and Rebate.....	15,874 86
Total expenditures.....	<u>\$529,596 68</u>
Balance in excess of expenditures.....	<u>52,308 43</u>
	<u>\$581,905 11</u>

## OUTSTANDING INDEBTEDNESS.

Bonds .....	\$1,045,128 75
Warrants.....	<u>31,246 41</u>
Total outstanding indebtedness.....	<u>\$1,076,375 16</u>
Bonds outstanding April 21, 1884.....	\$1,095,128 75
“ “ “ 20, 1885.....	<u>1,045,128 75</u>
Reduction of bonded indebtedness.....	<u>\$ 50,000 00</u>

## TREASURER'S ACCOUNT.

## RECEIPTS.

Land tax, 1884.....	\$338,287 20
Personal-property tax, 1884.....	68,199 76
Merchants'-license tax, 1884.....	38,075 73
Miscellaneous licenses.....	90,186 60
Delinquent land tax, 1865 to 1875.....	25 82
"    "    "    1877.....	13 50
"    "    "    1878.....	16 12
"    "    "    1879.....	4 50
"    "    "    1880.....	5 72
"    "    "    1881.....	8 00
"    "    "    1882.....	61 60
"    "    "    1883.....	28 80
"    Personal-property tax, 1877 to 1880 .....	811 98
"    "    "    1881.....	562 33
"    "    "    1882.....	724 25
"    "    "    1883.....	2,004 33
"    "    "    1884.....	2,090 38
"    Merchants'-license tax, 1881.....	54 72
"    "    "    1882.....	163 88
"    "    "    1883.....	130 54
"    "    "    1884.....	7 95
Railroad tax, 1884.....	7,407 12
Police fines, unclaimed money, and sale of unclaimed property.....	14,483 55
Work-house fines.....	2,030 30
Market fees.....	9,709 78
Special tax-bills for repairing sidewalks.....	188 64
"    "    "    "    curbing.....	81 19
Judgments on del. merchants'-license tax, 1878.....	386 38
"    "    "    land tax.....	255 35
Condemnation Lydia Avenue, 9th to Independence Avenue .....	180 11
Condemnation Walnut street, south Union Transit Co.'s land.....	2,761 82
Condemnation alley block 10, Hubbard's Addition...	772 65
"    "    9th to 10th, bet. H. and C.....	1,294 67
"    Walnut street, 9th to 12th.....	125 24
"    Flora Avenue, 12th to 18th .....	2,222 12
"    Nineteenth street, Main to alley, west.	134 55

Condemnation Fifteenth street, Penn to Broadway...	3,977 57
“ Alley, block 6, Depot Addition.....	1 00
“ “ 10th to 11th, bet. Main and Delaware streets.....	45
Condemnation Central street .....	14 38
Condemnation alley 16th to 17th, between McGee and Oak.....	12 50
Condemnation alley 12th to 13th, between Holmes and Charlotte.....	583 98
Condemnation 17th street, Summit to Dripps.....	1,455 04
Condemnation Grove street, 6th to 12th.....	112 06
Condemnation alley, lot 118 Hurck's Subdivision, south.....	29 05
Condemnation 16th street, Summit to Jarboe.....	5,157 77
Condemnation Highland Avenue, Independence Avenue north.....	5,427 64
Condemnation Washington street, 16th to 17th.....	155 18
Condemnation Walnut street, 9th to 12th.....	36 49
Unclaimed redemption money, sale of 1879.....	18 95
Sale of old Bluff-street bridge.....	436 68
Rent of rooms, filling cisterns, and sale of old hose..	235 00
Paid by O. B. Gunn on account of party wall.....	33 00
Sale of stock .....	13 00
Sale of old Work-house wagon.....	25 00
Engineers' licenses, engineers' permits, and boiler fees .....	1,490 00
Condemnation Walnut street south of Union Transit Co.'s land.....	2,456 98
Condemnation 16th street, Summit to Jarboe.....	2,369 46
Condemnation Highland Avenue, Independence Avenue north.....	571 00
Condemnation alley Independence Avenue to 8th, between Holmes and Charlotte.....	435 54
Condemnation alley 20th to 21st, between Holmes and Charlotte.. ..	16 00
Condemnation Flora Avenue, 12th to 18th.....	116 15
Condemnation Grove street, 6th to 12th .....	100 63
Condemnation alley, lot 118, Hurck's Subdivision, south.....	144 12
Condemnation 17th street, Summit to Dripps.....	60 25
Condemnation 15th street, Penn to Broadway.....	1,686 11
Condemnation alley, 12th to 13th, between Holmes and Charlotte.....	420 27
Condemnation Washington street, 16th to 17th.....	214 37
Condemnation Wyoming street, 19th street south....	1 00
Condemnation 14th street, east side McGee's Addition to Campbell.....	1 00

Condemnation alley 16th to 17th, between McGee and Oak.....	2 00
Condemnation alley 14th to 15th, between Holmes and Charlotte.....	1 00
Condemnation public street in Ranson Place.....	1 00
Condemnation Central street, south of J. H. McGee's Addition.....	1 00
Condemnation 19th street, Main to alley west.....	64 87
Paid by J. S. Chick for advance payment coupons...	45 00
Paid by County Court on account Hospital Building.	2,500 00
Seven Warrants, marked "Void," turned back in treasury.....	62 45
Paid by L. Hazzard for quitclaim deed to lot 36, block 9, McGee Place.....	239 50
Dog tax.....	1,144 00
Condemnation alley 20th to 21st, between Holmes and Charlotte.....	7 00
Semi-annual interest on \$15,000.00 in school bonds..	375 00
Condemnation Central street, south of J. H. McGee's Addition...	6 15
Special tax-bills, repairing curbing.....	155 87
Balance on hand 21st April, 1884.....	175,841 60
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Total receipts.....	\$791,751 24
Less rebate on taxes in excess of penalty.....	17,152 59
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Total .....	\$774,598 65

## EXPENDITURES.

Warrants, general fund .....	\$424,416 26
"    Condemnation Guinotte Avenue.....	1,048 84
"    "    Dripps street.....	427 72
"    "    Jefferson street.....	7 50
"    Refunding-tax account.....	450 82
City currency.....	133 00
Coupons, Bond and Interest fund .....	62,985 00
"    Funded Debt "B".....	20,200 00
Warrants, condemnation Flora Avenue, 12th to 18th streets.....	2,609 80
Warrants, condemnation Walnut street, 9th to 12th.	312 48
"    "    Sixth, Tracy to Woodland.	592 18
"    "    Lydia Avenue, 12th to 18th	55 02
"    "    Fifteenth street, Penn to Broadway.....	5,663 68
Warrants, condemnation alley, 9th to 10th, between Holmes and Charlotte.....	1,221 00
Bonds, Sinking fund. ....	50,000 00

Warrants condemnation 16th street, Summit to Jarboe.....	2,189 00
Warrants, condemnation 19th street, Main to alley, west.....	281 70
Warrants, condemnation Highland Avenue, Independence Avenue north.....	5,194 00
Warrants, condemnation alley, lot 118, Hunck's Subdivision, south.....	142 00
Warrants condemnation alley, block 10, Hubbard's addition.....	772 65
Warrants, condemnation 17th street, Summit to Dripps.....	1,515 29
Warrants, condemnation alley, 14th and 15th, between Holmes and Charlotte.....	78
Warrants, condemnation Lydia Avenue, 9th to Independence Avenue.....	100 00
Warrants, condemnation alley, 12th to 13th, between Holmes and Charlotte.....	881 62
Warrants, condemnation Washington street, 16th to 17th.....	300 00
Warrants, condemnation Grove street, 6th to 12th....	211 63
Total.....	<u>\$581,711 97</u>
Balance on hand 20th April, 1885. ....	<u>192,886 68</u>
	<u>\$774,598 65</u>



## MARKET MASTER'S REPORT.

KANSAS CITY, Mo., April 18, 1885.

*To the Hon. Nathaniel Grant, City Comptroller:*

I herewith submit to you my annual report for the fiscal year 1884, from April 21, 1884, to April 20, 1885, showing monthly collections of market fees for said period:

April 30, 1884.....	\$ 38 50
May 31, 1884.....	805 00
June 30, 1884.....	989 50
July 31, 1884.....	993 52
August 30, 1884.....	1,037 70
September 30, 1884.....	962 25
October 31, 1884.....	932 42
November 29, 1884.....	813 60
December 31, 1884.....	704 87
January 31, 1885.....	605 00
February 28, 1885.....	605 80
March 31, 1885.....	631 80
April 18, 1885.....	589 82

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Total collections.....\$9,709 78

Respectfully submitted,

JOHN FLEMING,  
Market Master.

## REPORT OF CHIEF OF FIRE DEPARTMENT.

KANSAS CITY, Mo., April 19, 1885.

*To the Hon. Comptroller of the City of Kansas :*

DEAR SIR,—I herewith submit my third annual report of the cost and condition of the Fire Department, as required by ordinance. Attached you will find itemized statement as follows :

- First.* Running expenses.
- Second.* Number of calls and cause of same.
- Third.* Loss by fire.
- Fourth.* Insurance on property involved.
- Fifth.* Loss on stock.
- Sixth.* Insurance on stock.
- Seventh.* Comparative statement of running expenses from 1882 to 1885, inclusive.

The working force of the Department comprises 38 full-paid men and 6 young men who take charge of the various houses (at small compensation) when the regular force is on service at fires, making in all 44 men, including Chief and Assistant Chief.

RUNNING EXPENSES FOR FISCAL YEAR BEGINNING APRIL 21, 1884, AND ENDING APRIL 19, 1885.

## APRIL 1ST TO 30TH, 1884.

Pay-roll.....	\$ 782 50
Elson, Saulsbury & Co., supplies .....	25 00
Gardner & Co., hardware.....	1 15
C. G. Daggett, rent.....	9 00
Thomas Swope, rent.....	24 60
North, Orrison & Co., supplies.....	2 50
W. J. Little & Co., supplies .....	2 00
Rice & Swain, feed.....	91 11
S. L. Laufer, supplies.....	2 25
M. Chester & Co., lumber.....	3 13
A. Breunert, drugs.....	6 65
J. A. McDonald & Co., oils.....	1 30
Jno. Coleman & Co., oils.....	2 38
<b>Total.....</b>	<b>\$ 953 57</b>

## CITY OF KANSAS.

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## MAY, 1884.

Pay-roll.....	\$ 2,633 80
Rice & Swain, feed .....	110 60
Chas. Miller, repairs.....	32 80
Jno. A. McDonald & Co., paints.....	2 10
K. C. & Para Rubber Co., supplies .....	4 00
W. O. Shous, supplies .....	3 90
A. Breunert, drugs ....	7 10
Gardner & Co., hardware.....	5 88
W. J. Little & Co., repairs.....	6 75
Merrill & Co., lumber..	1 68
J. W. Opie, supplies.....	4 00
A. Prior, supplies.....	8 63
Thomas Swope, rent.....	82 00
C. D. Daggett, rent.....	30 00
D. Austin & Co., supplies .....	6 85
Campbell & Cutler, oils and glass .....	2 75
North, Orrison & Co., supplies.....	9 75
J. W. Knight.....	14 75
C. W. Fairman, supplies.....	1 60
Fire Extinguishing Co., supplies .....	50 00
M. J. Cary, shoeing.....	6 00
Geo. C. Hale, sundries.....	7 95
Grimes Wagon Manufacturing Co., repairs.....	37 50
Total.....	\$ 3,070 39

## JUNE, 1884.

Pay-roll.....	\$ 2,658 30
Gardner & Co., hardware.....	10 93
A. Witte & Co., repairs.....	10 08
M. J. Cary, shoeing.....	5 00
M. Chester & Co., lumber.....	13 76
Chas. Miller, repairs.....	17 25
C. D. Daggett, rent.....	30 00
Rice & Swain, feed.....	179 48
Thos. H. Swope, rent .....	82 00
Henry Bruns, feed.....	19 25
Meyer & Vering, drugs.....	3 78
A. Prior & Co., supplies.....	2 25
N. Miller, Jr., coal.....	10 15
Grimes Wagon Manufacturing Co., repairs.....	18 75
A. Breunert, drugs.....	6 25
H. Nevins, shoeing.....	20 75
Goss, Newman & Co., supplies.....	7 25
W. J. Little, repairs.....	11 70
Jno. A. McDonald & Co., paint.....	33 08
S. L. Laufer & Co., supplies.....	4 45

G. W. Lovejoy, lumber.....	1 15
Elson, Saulsbury & Co., supplies.....	13 50
Keystone Iron Works, supplies.....	24 40
J. W. Knight, shoeing.....	8 75
Ferris & Shine, shoeing.....	2 00
Geo. C. Hale, supplies.....	9 00
Total.....	\$ 3,203 31

## JULY, 1884.

Pay-roll.....	\$ 2,703 32
J. W. Merrill, lumber.....	368 46
Gardner & Co., hardware.....	22 70
Merrill & Co., lumber.....	8 79
Deatherage & Perkins, supplies.....	4 05
F. M. Deardorff, supplies.....	5 16
G. W. Lovejoy, lumber.....	5 57
Jno. A. McDonald, paint.....	21 30
Elson, Saulsbury & Co., supplies.....	119 44
J. M. Bethal, labor.....	197 60
Chas. Miller, repairs.....	23 75
M. J. Cary, shoeing.....	7 00
H. C. Arnold, drugs.....	13 55
W. J. Little, repairs.....	13 45
A. Witte & Co., repairs.....	4 35
U. S. Wind Engine Co., supplies.....	12 50
C. W. Fairman, supplies.....	5 45
Rice & Swain, feed.....	83 06
Kevill & Waples, bed-clothes.....	11 00
J. W. Knight, shoeing.....	10 50
Wm. Weston, lime.....	2 80
Geo. C. Hale, sundries.....	4 07
Thos. H. Swope, rent.....	82 00
C. D. Daggett, rent.....	30 00
Total.....	\$ 3,759 87

## AUGUST, 1884.

Pay-roll.....	\$ 2,698 32
J. W. Merrill, lumber.....	159 94
Merrill & Co., lumber.....	18 68
Flynn & Roberts, plastering.....	75 00
Jas. Taylor & Son, tar.....	47 01
Jno. A. McDonald, paint.....	13 10
Thos. Cassidy, sand.....	12 00
Wm. Weston, lime.....	3 65
G. W. Lovejoy, lumber.....	9 60
S. D. Warren, roofing.....	58 75
Leach & Olmstead, lumber.....	24 80

Pague & Picking, tin-work.....	16 80
Durham Draining Co., pipe.....	9 26
Campbell & Cutler, paints and oils.....	13 16
Gardner & Co., hardware.....	22 73
Jno. Smith, labor.....	4 50
Fred. Thomas, lumber.....	12 33
A. Prier, supplies.....	6 15
Chas. Miller, repairs.....	12 65
St. Louis Tripoli Co., supplies.....	4 26
J. B. Cumings, supplies.....	4 00
Henry Nevins, shoeing.....	10 50
J. W. Knight, shoeing.....	8 00
W. J. Little & Co., repairs.....	2 95
H. C. Arnold, drugs.....	7 40
Rice & Swain, feed.....	156 27
Geo. C. Hale, supplies.....	34 86
Thos. H. Swope, rent.....	82 00
C. D. Daggett, rent.....	30 00
Total.....	<hr/> \$ 3,558 67

## SEPTEMBER, 1884.

Pay-roll.....	\$ 2,876 32
Campbell & Cutler, paints.....	17 40
Flynn & Roberts, plastering.....	37 43
Pague & Picking, supplies.....	16 29
J. W. Ryle & Co., plumbing.....	25 90
J. W. Merrill, lumber.....	30 82
G. W. Lovejoy, lumber.....	38 64
Whitmeyer & Connelly, lumber.....	11 00
F. M. Deardorff, supplies.....	3 18
Jno. A. McDonald & Co., paints.....	24 55
Keystone Iron Works Co., repairs.....	59 75
Gardner & Co., hardware.....	16 26
Deatherage & Perkins, supplies.....	11 68
Merrill & Co., lumber.....	2 11
Elson, Saulsbury & Co., supplies.....	14 50
H. C. Arnold, drugs.....	9 96
Dr. Corcoran, veterinary surgeon.....	38 00
G. C. Hale, supplies.....	7 50
W. J. Little & Co., harness.....	15 10
Rice & Swain, feed.....	119 22
J. W. Knight, shoeing.....	6 50
H. Nevins, shoeing.....	31 75
M. J. Cary, shoeing.....	10 00
Thos. H. Swope, rent.....	82 00
C. D. Daggett, rent.....	30 00
Total.....	<hr/> \$ 3,535 80

## OCTOBER, 1884.

Pay-roll.....	\$ 2,773 98
Campbell & Cutler, paints.....	17 71
S. E. Freeman, labor.....	10 00
Thomas Cassidy, rent.....	30 00
Deatherage & Perkins, lumber.....	25 88
Gardner & Co., hardware.....	10 24
Jno. A McDonald & Co., paints.....	2 75
J. W. Kingsbury, repairs.....	34 09
Merrill & Co., lumber.....	40 71
H. C. Arnold, drugs.....	10 89
M. J. Cary, shoeing.....	5 25
N. Miller, Jr., coal.....	24 45
H. Nevins, shoeing.....	10 50
Jno. Kimple, supplies.....	23 50
Campbell & Cutler, oils.....	6 01
W. J. Little & Co., harness.....	6 80
Thomas H. Swope, rent.....	82 00
C. D. Daggett, rent.....	30 00
Geo. C. Hale, supplies.....	22 76
Rice & Swain, feed.....	170 99
K. C. & P. Rubber Co., supplies....	476 00
English Brothers, supplies.....	475 00
B. F. Elson & Co., supplies.....	976 00
<b>Total.....</b>	<b>\$ 5,265 51</b>

## NOVEMBER, 1884.

Pay-roll.....	\$ 2,752 32
H. C. Arnold, drugs.....	13 96
J. W. Knight, shoeing.....	35 00
Henry Nevins, shoeing.....	13 25
Rice & Swain, feed.....	100 91
C. W. Fairman, supplies.....	16 80
Gardner & Co., hardware.....	23 60
Tom Moran, rock.....	5 25
P. C. Fride, labor.....	4 00
N. Miller, Jr., coal.....	49 51
C. Kimpbell, blacksmith work.....	12 00
J. W. Merrill, lumber.....	42 37
M. J. Cary, shoeing.....	5 00
Campbell & Cutler, paints.....	2 74
Fletcher Saddlery Co., supplies.....	6 05
Wm. F. Crowley, supplies.....	10 00
G. W. Lovejoy, lumber.....	7 53
Goss Heating and Plumbing Co., supplies.....	9 83
United States Wind Engine and Pump Co., supplies.....	10 00
Thos. H. Swope, rent.....	82 00



C. D. Daggett, rent.....	30 00
Kansas City Boiler Works, repairs.....	182 10
Insurance on No. 5 House.....	12 50
Fire Extinguisher Manufacturing Co., supplies.....	15 00
Total.....	\$ 3,441 72

## DECEMBER, 1884.

Pay-roll.....	\$ 2,706 32
N. Miller, Jr., coal.....	70 20
G. C. Hale, supplies.....	4 95
E. W. Meyers, M. D. . . . .	12 50
S. S. Grant, difference in trade.....	50 00
Miller & Co., repairs .....	33 80
Gardner & Co., hardware.....	8 13
Corkins & Coleman, V. S. services .....	30 00
Merrill & Co., lumber .....	1 05
J. W. Knight, shoeing .....	10 25
A. Prier, supplies.....	5 66
R. Schwitzgebel & Co., groceries.....	2 00
Fletcher Saddlery Co., supplies .....	15 70
F. C. White, repairs.....	5 00
E. B. Preston & Co., supplies.....	12 00
H. Nevins, shoeing .....	12 50
H. C. Arnold, drugs.....	19 84
H. Wise, tinware.....	2 90
John Taylor, tar.....	21 40
B. F. Elson & Co., supplies .....	7 60
Kevill & Waples, bedding.....	24 00
Campbell & Cutler, paints and oils.....	19 17
J. W. Merrill, lumber ..	2 65
G. W. Lovejoy, lumber.....	1 87
Pague & Picking, tinware.....	4 10
Rice & Swain, feed .....	121 02
Thomas H. Swope, rent.....	82 00
C. D. Daggett, rent.....	30 00
Duncan & Masters, stove.....	6 00
Total.....	\$ 3,322 61

## JANUARY, 1885.

Pay-roll.....	\$ 2,688 98
Gardner & Co., hardware.....	5 53
H. C. Arnold, drugs.....	13 34
H. B. Adair, supplies.....	6 00
William Hill, supplies.....	18 00
H. Nevins, shoeing .....	24 25
R. Schwitzgeble & Co., groceries.....	2 15
Durham House Draining Co., pipe.....	1 45

P. Deitrich, supplies.....	3 50
M. J. Cary, shoeing.....	13 00
Siepkner & Pieper, supplies .....	6 00
Campbell & Cutler, paints and oils.....	4 21
A. Witte & Co., repairs.....	12 35
Kevill & Waples, bedding.....	7 50
J. W. Kingsbury, repairs .....	8 97
J. W. Knight, shoeing.....	10 00
Pat. Stewart, horse-hire.....	25 00
Dr. Corkins & Co., V. S. services.....	9 00
Rice & Swain, feed.. .....	158 24
J. B. Cumings, 1 doz. brooms. ..	4 50
Frank Foster, 1 stove.....	15 00
N. Miller, Jr., coal.....	96 45
Thomas H. Swope, rent.....	82 00
C. D. Daggett, rent.....	30 00
Total.....	\$ 3,245 42

## FEBRUARY, 1885.

Pay-roll.....	\$ 2,678 32
F. J. Seldon, horses.....	450 00
H. C. Arnold, drugs.....	13 27
Gardner & Co., hardware .....	9 65
Rice & Swain, feed.....	156 51
Whitelow & Skinner, horse-hire .....	49 50
M. W. Bailey, V. S. services .....	20 50
Corkins & Coleman, V. S. services .....	6 00
Keystone Iron Works, repairs.....	14 35
Goss Heating & Plumbing Co., supplies .....	1 75
Kansas City Harness & Saddlery Co., harness.....	67 45
U. S. Wind Engine & Pump Co., waste .....	12 50
J. W. Merrill, lumber.....	12 73
H. Nevins, shoeing.....	19 00
Miller & Chelcott, repairs.. ..	14 40
Thomas H. Swope, rent.....	82 00
N. Miller, Jr., coal.....	65 15
C. D. Daggett, rent.....	30 00
C. W. Fairman, tinware.....	6 60
P. Naigle, repairs.....	5 00
E. M. Fuller & Co., repairs.....	9 30
J. W. Knight, shoeing.....	10 25
Jas. Cotter, labor.....	3 60
P. J. Karst, brooms.....	3 50
Total.....	\$3,741 43

## MARCH, 1885.

Pay-roll.....	\$ 2,928 32
Gardner & Co., hardware.....	34 36

H. C. Arnold, drugs.....	10 86
M. W. Bailey, services as veterinary surgeon.....	52 00
Rice & Swain, feed.....	82 47
Merrill & Co., lumber.....	14 71
J. W. Merrill, lumber.....	178 09
J. W. Worthington, one horse.....	175 00
Miller & Chilcott, repairs.....	52 00
Kansas City and Para Rubber Co., supplies.....	2 18
Kansas City Harness and Saddlery Co., supplies.....	21 20
J. W. Knight, shoeing.....	14 75
N. Miller, Jr., coal.....	51 95
H. Nevins, shoeing.....	10 75
Kansas City Transfer Co., horse-hire.....	17 50
A. Prier, brass castings.....	5 58
Abernathy Furniture Co., supplies.....	68 40
F. Foster, hose.....	11 50
A. Witte & Co., repairs.....	3 25
N. E. Mills, repairs on wagon.....	5 00
W. K. Sweet, supplies.....	4 50
F. W. Wilson, supplies.....	2 00
Jno. Taylor, bedding.....	17 00
Campbell & Cutler, paints and oils.....	4 40
Thos. H. Swope, rent.....	82 00
C. D. Daggett, rent.....	30 00
Total.....	\$ 3,879 87

## APRIL 1ST TO 19TH, 1885.

Pay-rol.....	\$ 1,930 09
J. E. Riley, for brick-work on Engine-house No. 7.....	950 00
T. W. Butler, cornice and window-caps for Engine-house No. 7.....	126 35
Chicago Lumber Co., lumber for Engine-house No. 7.....	84 36
Chicago Lumber Co., lumber for Engine-house No. 7.....	237 21
Hughes & Dugan, stone-work for Engine-house No. 7.....	10 65
S. D. Warren, roofing Engine-house No. 7.....	31 50
Jno. A. McDonald, paints for Engine-house No. 7.....	31 00
J. W. Merrill, lumber for Engine-house No. 7.....	6 25
Merrill & Co., lumber for Engine-house No. 7.....	11 45
Kevill & Waples, chairs.....	22 50
Kansas City Harness and Saddlery Co., repairs.....	13 75
Mitchell & Wells, window-frames for Engine-house No. 7.....	30 25
C. W. Fairman, supplies.....	6 89
R. Schwitzgebel & Co., groceries.....	4 50
Rice & Swain, feed.....	77 61
N. Miller, Jr., coal.....	8 50
Gardner & Co., hardware.....	2 12
Joel Thomas, horses.....	450 00
F. W. Wilson, shoeing.....	6 00

H. Nevins, shoeing.....	21 75
J. W. Knight, shoeing.....	5 00
Speer, Jones & Co., supplies .....	8 00
Thomas H. Swope, rent.....	54 65
C. D. Daggett, rent.....	20 00
Total .....	\$ 4,150 38

RUNNING EXPENSES FOR FISCAL YEAR BEGINNING APRIL  
21, 1884, AND ENDING APRIL 19, 1885.

RECAPITULATION.

1884.

Pay-roll for April, 21st to 30th.....	\$ 782 50
Running expenses for April, 21st to 30th .....	171 07
Pay-roll for May.....	2,633 80
Running expenses for May.....	436 59
Pay-roll for June.....	2,658 30
Running expenses for June.....	545 01
Pay-roll for July.....	2,703 32
Running expenses for July.....	1,056 55
Pay-roll for August.....	2,698 32
Running expenses for August.....	860 35
Pay-roll for September.....	2,876 32
Running expenses for September.....	679 54
Pay-roll for October.....	2,773 98
Running expenses for October.....	2,491 53
Pay-roll for November.....	2,752 32
Running expenses for November.....	689 40
Pay-roll for December.....	2,706 32
Running expenses for December.....	616 29

1885.

Pay-roll for January.....	2,688 98
Running expenses for January.....	566 44
Pay-roll for February.....	2,678 32
Running expenses for February.....	1,063 11
Pay-roll for March.....	2,928 32
Running expenses for March.....	951 55
Pay-roll for April, 1st to 19th.....	1,930 09
Running expenses for April, 1st to 19th.....	2,220 29
Total.....	\$45,178 61

# ROLL OF MEMBERS OF THE KANSAS CITY FIRE DEPARTMENT.

## HOSE COMPANY No. 1.

William Craig, foreman, salary per month	\$ 75 00
T. N. Gaffney, driver, " " "	70 00
John J. Healy, hoseman, " " "	70 00
James O'Donnell, " " " "	70 00
Dennis Higgins, watchman, " " "	15 00

## HOSE COMPANY No. 2.

S. A. Baker, foreman, salary per month	\$ 75 00
Jas. T. McGuire, driver, " " "	70 00
Thomas Glenn, hoseman, " " "	70 00
George Cassidy, " " " "	70 00
Robert Hinkle, watchman, " " "	25 00

## HOSE COMPANY No. 3.

N. J. Byrne, foreman, salary per month	\$ 75 00
Fred. Thomas, driver, " " "	70 00
Patrick Leonard, hoseman, " " "	70 00
Frank Higgins, " " " "	70 00
Fred. Gross, watchman, " " "	15 00

## HOSE COMPANY No. 4.

Patrick Ragan, foreman, salary per month	\$ 75 00
Patrick Rush, driver, " " "	70 00
John Malone, hoseman, " " "	70 00
Mike Cannoll, " " " "	70 00
Burt Dearow, watchman, " " "	15 00

## HOSE COMPANY No. 5.

Mat. Clarkin, foreman, salary per month	\$ 75 00
Charles Leopold, driver, " " "	70 00
John Pelletier, hoseman, " " "	70 00
Marquis Kesler, " " " "	70 00
Frank Pelletier, watchman, " " "	15 00

## HOSE COMPANY No. 6.

Cris. Klingman, foreman, salary per month	\$ 75 00
Ed. Clarkin, driver, " " "	70 00
Doc. Woodward, hoseman, " " "	70 00
Lon. E. Hale, " " " "	70 00
C. Butterfield, watchman, " " "	15 00

## SUPPLY WAGON No. 1.

Benjamin Martin, salary per month	\$ 70 00
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## HOOK AND LADDER COMPANY No. 1.

Edward Trickett, acting foreman and M. M., salary per month	\$100 00
Alex. Henderson, driver, salary per month	70 00
John Egner, tillerman, " " "	70 00
Jos. Forquer, ladderman, " " "	70 00
Wm. McArdle, " " " "	70 00
Al. Buell, " " " "	70 00
Chauncey Stearns, " " " "	70 00
George C. Hale, chief, salary per month	\$166 66
Joseph McArdle, assistant chief, salary per month	116 66

## HOOK AND LADDER COMPANY No. 2.

Edward Hoyt, foreman, salary per month	\$ 75 00
John O'Hare, driver, " " "	70 00
John O'Shea, ladderman, " " "	70 00
Wm. B. Dawley, " " " "	70 00

## NUMBER OF ALARMS AND CAUSE OF SAME.

False alarms	25
Lamp explosions	12
Spark from locomotive	1
Incendiary	12
Tar burning	2
Gasoline-stove explosions	11
Carelessness	24
Defective heaters	4
Unknown	31
Accidental	17
Overheated stoves	2
Children playing with matches	2
Fire-works	6
Outside City limits	8
Hot stoves	9
Defective flues	33
Coal oil-stove explosions	3
Supposed incendiaries	4
Hot ashes	1
Gasoline-oil explosion	1
Total	208

## COMPARISON OF EXPENDITURES FROM 1882 TO 1884.

1882	\$38,406 07
1883	43,620 83
1884	45,178 61

## NUMBER OF CALLS FROM 1882 TO 1884, INCLUSIVE.

1882	152
1883	186
1884	208



## COMPARISON OF LOSSES BY FIRE FROM 1882 TO 1884.

1882 .....	\$123,705 00
1883 .....	255,926 00
1884 .....	193,603 00

During the year the following amount has been expended for improvements :

The rebuilding of No. 1 Engine-house.....	\$1,654 42
For purchase of six head of horses.....	1,125 00
“ 2,000 feet new hose.....	2,000 00
“ building No. 7 Engine-house as far as completed .....	1,697 11
“ painting and rebuilding Hook and Ladder Truck No. 2.....	93 75
Total.....	\$6,569 28

*To the Honorable Common Council of the City of Kansas :*

GENTLEMEN,—In connection with my annual report, which is hereby submitted, I beg leave to submit in addition thereto, for the consideration of your honorable body, such recommendations as in my opinion are necessary, with a view of still further adding to the efficiency of the Department under my charge, and that better protection may be afforded to those parts of the City now most exposed to the ravages of fire. Your honorable body need not be reminded by me that our City is rapidly growing, both in wealth and population, and is spreading with wonderful rapidity over a larger area of territory than its most sanguine citizens had hoped it would at so early a day. I would therefore suggest that your honorable body would consider at your earliest opportunity, the following suggestions and recommendations, so that the Department may be enabled to preserve its reputation for efficiency in the future as it has in the past :

1st. That an additional appropriation be made so as to finish and equip Engine-house No. 7, which can be done by the following amount :

Amount needed to finish building.....	\$ 500 00
Purchase of new reel .....	700 00
1 team horses and harness.....	500 00
1,000 feet of hose.....	1,000 00
Furnishing house.. ..	100 00
Salary of four men nine months.....	2,745 00
Salary of one watchman nine months.....	135 00
Total amount .....	\$5,680 00

2d. That an additional appropriation be made to build and equip Engine-house on lot now owned by the City on Sixteenth and Locust streets. The amount required will be as follows :

Building of house.....	\$2,500 00
Purchase of hose-carriage.....	700 00
“ “ 1,000 feet of hose.....	1,000 00
Furnishing of house.....	100 00
Salary of four men and one watchman six months.....	1,950 00
Running expenses for same.....	450 00
Total .....	<u>\$6,670 00</u>

3d. That a lot be purchased at the corner of Fifth street and Forest Avenue and a house be built thereon. This can be done for the following amount :

Purchase of lot.....	\$1,500 00
Building of house.....	2,500 00
Purchase of hose-carriage.....	700 00
1,000 feet of hose.....	1,000 00
Furnishing of house.....	100 00
Salary of four men and watchman six months.....	1,920 00
Running expenses for same .....	450 00
Total.....	<u>\$8,170 00</u>

During the year there has been collected by the Department the sum of \$264.00, and the same paid into the City Treasury and receipts taken therefor, as follows :

House-rent No. 6 Engine-house.....	\$ 88 00
House-rent No. 5 Engine-house.. ..	56 00
Filling cisterns.....	47 00
Pumping out cellars.....	37 00
Sale of old hose.....	36 00
Total ....	<u>\$264 00</u>

The engine-houses of the Fire Department are located and equipped as follows:

#### ENGINE COMPANY No. 1.

Situated on Union Avenue, between Mulberry and Hickory streets, two-story frame building. In this house is a four-wheel hose-carriage drawn by two horses, one steam fire-engine of the Silsby make, and one hook-and-ladder truck drawn by two horses. There is also a spool of 1,000 feet of hose in this house, which may be used in case of emergency.

## ENGINE COMPANY No. 2.

Situated on Walnut street, between Eighth and Ninth streets, in the central part of the City. This house is a two-story frame, equipped with one four-wheel hose-carriage, carrying 1,000 feet of hose, drawn by two horses. The No. 1 supply wagon is also located at this station.

## ENGINE COMPANY No. 3.

Located on Walnut street, between Eleventh and Twelfth streets. This house is a two-story brick, and is equipped with one four-wheel hose-carriage carrying 1,000 feet of hose and drawn by two horses, one steam fire-engine, Silsby make, and also one hook-and-ladder truck drawn by four horses. There is also an extra supply of 1,000 feet of hose kept in this house.

## ENGINE COMPANY No. 4.

Located on Fourteenth street, between Jefferson and Summit streets. This house is a two-story brick building, and is equipped with one four-wheel hose-carriage carrying 1,000 feet of hose and drawn by two horses.

## ENGINE COMPANY No. 5.

Located on Eleventh street and Troost Avenue, is a two-story frame building, and is equipped with one four-wheel hose-carriage carrying 1,000 feet of hose and drawn by two horses.

## ENGINE COMPANY No. 6.

Located on Fifth and Bluff streets, and is a two-story brick. In this house there is a four-wheel hose-carriage carrying 1,000 feet of hose and drawn by two horses. There is also one steam fire-engine, of Gould make.

## ENGINE COMPANY No. 7.

This house is now being built on Liberty street, between Sixteenth and Seventeenth streets. It is a two-story brick, and, when completed, will be a valuable addition to the Department, as it is located in the center of a large lumber district.

As to the efficiency of the Fire Department, we refer to the following resolution adopted by the Board of Fire Underwriters of this City, April 4, 1885:

*"Resolved,* That we think it eminently proper that we should officially recognize the valuable services rendered to the community during the past year by the Kansas City Fire Department and express our appreciation of the high standard to which it has been brought by the untiring devotion of Chief Hale and the members of the Department. This we attribute, in a great measure, to the severance of the Department from the arena of politics, leaving the members to stand on their own merits regardless of political favoritism, thus obviating the necessity of electioneering for or against any change in the City government. We consider the tireless assiduity and zeal of Chief Hale in everything that tends to the improvement of the Fire Department worthy of the highest commendation."

WILLIAM J. FETTER, *Manager.*

#### INVENTORY OF STOCK OF ENGINE-HOUSE No. 1.

1 fire-engine.	50 feet small hose.
1 hose-reel.	4 bars soap.
2 horses.	1 snow-shoe and rope.
1 set double harness.	1 old reel-crank.
500 feet new hose.	4 old halters.
1,150 feet medium hose.	1 extra mattress.
2 stoves.	1 sack cement.
1 coal-box.	2 gallons coal-oil.
2 brooms.	1 two-inch tap.
1 shovel.	4 flue-plugs.
1 fork.	10 wrenches for engine.
2 hitch-straps.	2 horse-blankets.
3 chamois.	1 oil-can.
4 bedsteads.	1 ax.
4 springs.	3 spanner-belts.
4 mattresses.	6 spanners.
8 quilts.	3 hydrant-keys.
4 pair blankets.	1 monkey-wrench.
1 bureau.	1 spray-nozzle.
1 center-table.	2 play-pipes.
1 writing-desk.	2 boxes axle-grease.
1 torch.	1 clock.
1 duster.	1 alarm-bell.
1 wash-basin.	1 curry-comb.
1 sprinkling-can.	1 mane-brush.
1 manure-box.	2 whips.
7 chairs.	10 pounds nails.
1 clock for engine.	4 one-inch snaps.
1 coal-oil can.	5 oil-cans.

14 old files.	2 pounds blue paint.
14 joints stove-pipe.	50 pounds bran.
11 paint cans.	20 bushels coal.
5 battery-jars.	2 pounds brown paint.
7 bushels oats.	1 vise.
5 pounds yellow paint.	1 horse-syringe.
1 extra cupboard.	100 feet rope.
2 water-buckets.	90 yards Brussels carpet.
2 extra chairs.	1 water-tank.
1 curry-comb.	50 yards sash-cord.
1 can harness-soap.	3 bundles kindling.
1 eight-foot ladder.	1 crow-bar.
8 bed-spreads.	4 pillow-shams.
4 elbows.	3 window-shades.
2 pair lace curtains.	1 rack.
4 wardrobes.	3 gas-fixtures.
1 harness-weight.	1 feed-box.
2 parade bridles.	2 side-lamps.
3 balls wick.	

## INVENTORY OF ENGINE-HOUSE No. 2.

1 two-horse hose-carriage.	1 double set harness.
1 single set harness.	1 supply wagon.
900 feet hose, good.	700 feet hose, poor.
1 brass play-pipe.	1 rubber play-pipe.
4 hydrant-keys.	6 spanners and three belts.
1 hand torch.	100 feet rope.
2 whips.	1 fire-ax.
1 jumping-sheet	2 curry-combs.
4 brushes.	2 hay-forks.
1 shovel.	4 buckets.
4 brooms.	1 sprinkling-pot.
29 sponges.	14 chamois skins.
1 feed-box.	1 feed-cutter.
10 bran-sacks.	6 head horses.
2 horse-blankets.	1 oil-cloth blanket.
3 horse-collars.	50 feet $\frac{3}{4}$ -inch hose.
2 one horse hose-carriages.	50 pounds waste.
4 pounds torch-wick.	45 pounds soap.
24 boxes axle-grease.	32 cans lubricant.
10 pounds oat meal.	2 twenty-foot ladders.
1 snow-shoe.	1 relief-valve.
1 jack-screw.	1 hose-expander.
4 dozen expander-rings.	2 monkey-wrenches.
1 vise.	3 gallons coal-oil.
3 dozen boxes matches.	1 stove.
1 table.	10 chairs.
1 clock.	1 desk and set of books.



2 double beds and mattresses.	2 single beds and mattresses.
7 comforts.	1 wash-basin.
2 spittoons.	35 set of old couplings.
1 10-inch file.	1 hammer.
1 oil-can.	6 nozzles.

## INVENTORY OF ENGINE-HOUSE No. 3.

1 steam fire-engine, good order.	1 hose-carriage.
2 horses, good order.	1 double set harness.
3 iron bedsteads.	4 pair blankets.
3 single mattresses.	6 spanners.
2 hydrant-keys.	2 hose-pipes.
2 buckets.	1 hay-fork.
1,200 feet hose.	50 feet $\frac{3}{4}$ -inch hose.
2 brooms.	2 horse-blankets.
1 extra pole for hose-carriage.	1 stove, complete.
1 ton coal.	1 monkey-wrench.
1 life-line, 100 feet long.	1 coal-box.
1 manure-box.	5 comforts.
1 hose-rack.	2 iron hay-racks.
1 whip.	8 chairs, 4 new and 4 old.
1 vise.	1 ten-gallon can.
1 two-gallon oil-can.	1 feed-box.

## INVENTORY ENGINE-HOUSE No. 4.

1 hose-reel.	4 mattresses.
2 horses.	3 comforts.
1 set double-harness.	2 snow-shoes.
1,150 feet hose.	2 horse-blankets.
50 feet $\frac{3}{4}$ -inch hose.	3 buckets.
1 brass play-pipe.	1 feed-box.
1 rubber play-pipe.	1 curry-comb and brush.
4 spanner-belts.	1 five-gallon coal-oil can.
6 spanners.	1 one-gallon coal-oil can.
2 hydrant-keys.	7 chairs.
2 monkey-wrenches.	2 brooms.
1 ax.	2 hitch-straps.
1 fork.	1 step-ladder.
150 feet rope.	2 chamois skins.
1 stove and pipe.	2 sponges.
1 coal-bucket.	3 bales hay.
1 hatchet.	6 bushels oats.
2 gongs.	200 pounds bran.
$\frac{1}{2}$ ton coal.	3 bushels corn.
4 bedsteads.	



## INVENTORY ENGINE-HOUSE No. 5.

1 hose-reel.	1 ax.
1 team horses.	2 play-pipes.
1 set double-harness.	2 nozzles.
800 feet hose.	1 monkey-wrench.
50 feet small hose.	1 coal-oil can.
1 stove and pipe.	1 water-boiler.
3 bedsteads.	100 feet rope.
3 woven-wire springs.	1 whip.
1 dressing-case.	2 horse-blankets.
1 marble-top table.	1 sprinkling-pot.
7 chairs.	1 hay-fork.
1 carpet.	2 shovels.
3 bedsteads.	1 screw-driver.
9 quilts.	1 oil-can.
5 pillow-shams.	2 bales hay.
5 pillow-slips.	2 bushels shelled corn.
13 pictures.	2 bushels bran.
1 looking-glass.	2 bushels oats.
3 lamps.	1 feed-box.
1 clock.	1 pair old reel-springs.
1 table.	2 chamois skins.
1 bench.	1 sponge.
1 vise.	1 desk.
3 buckets.	1 pair hitch straps.
3 brooms.	4 bridles.
2 dusters.	1 curry-comb.
6 spanners.	1 hydrant-key.
1 horse-brush.	3 lamp-chimneys.
1 broom-brush.	3 sheets emery-cloth.
1 pan harness-soap.	2 pounds nails.
1 manure-box.	$\frac{1}{2}$ ton coal.
1 snow-shoe.	1 small bell.
1 box axle-grease.	3 old files.
1 torch.	1 electric gong.
3 chisels.	

## INVENTORY OF ENGINE-HOUSE No. 6.

1 hose-carriage.	2 head horses.
1 set double-harness.	2 horse-blankets.
1 steam fire-engine.	1,500 feet hose, good.
400 feet hose, poor.	2 play-pipes.
2 extra nozzles.	4 water-buckets.
1 extra wheel for hose-carriage.	1 jack-screw.
1 snow-shoe.	8 chairs.
1 bench.	1 coal-box.
1 coal-scuttle.	2 stoves and pipe.
1 shovel.	1 hay-fork.

1 manure-box.	2 brooms.
1 sprinkling-pot.	1 wash-basin.
5 bedsteads.	10 mattresses.
8 blankets.	4 pillows
1 table.	1 vise.
2 hydrant-keys.	6 spanners.
4 spanner-belts.	2 gongs.
1 feed-box.	1 lot of scrap iron and brass.
1 buck-saw.	1 reel torch.
40 feet $\frac{3}{4}$ -inch hose.	2 taps.
1 pair gas-tongs.	1 curry-comb.
1 brush.	1 mane-brush.
40 feet rope.	1 fire-pot.
1 hook and rope.	1 lot wrenches for engine.
20 old flues.	12 new tubes.
1 set brass boxes for engine.	1 iron hook for hose-reel.
1 large and 1 small monkey-wrench.	1 cape wrench.

## INVENTORY OF HOOK AND LADDER COMPANY No. 1.

1 hook and ladder truck.	4 head horses, good condition.
1 Bangor ladder, 65 feet long.	1 single ladder, 40 feet long.
1 single ladder, 35 feet long.	1 single ladder, 22 feet long.
1 single ladder, 20 feet long.	1 single ladder, 16 feet long.
1 single ladder, 12 feet long.	4 Pompier ladders.
200 feet rope.	100 feet life-line.
1 chain-hook.	4 lath-hooks.
100 feet $2\frac{1}{2}$ -inch hose.	3 play-pipes.
1 Siamese pipe.	1 jumping-sheet.
1 door-opener.	1 wire-cutter.
1 crow-bar.	2 picks.
2 shovels.	6 axes.
2 saws.	2 hand torches.
3 Pompier ladders.	3 hay-forks.
1 spanner-belt.	6 comforts.
4 spanners.	1 extra truck-pole.
1 hydrant-key.	7 chairs.
4 rubber buckets.	1 vise.
8 wooden buckets.	1 curry-comb.
2 Babcock fire extinguishers.	2 brushes.
1 monkey-wrench.	1 manure-box.
2 brooms.	4 iron hay-racks.
2 extra hind wheels.	10 bushels oats.
2 set double-harness.	5 bushels corn.
6 bedsteads.	150 pounds bran.
6 mattresses.	4 horse-blankets.
7 blankets.	1 feed-bin.

## INVENTORY OF HOOK AND LADDER COMPANY No. 2.

1 hook and ladder truck.	1 pair horse-blankets.
150-foot Bangor ladder.	1 curry-comb.
130-foot ladder.	1 curry-brush.
125-foot ladder.	1 mane-brush.
123-foot ladder.	1 jack-screw.
112-foot scaling-ladder.	2 brooms.
2 Babcocks.	2 wooden buckets.
4 rubber buckets.	2 chamois skins.
4 axes.	1 small oil-can— $\frac{1}{2}$ -gallon.
2 spanners and hydrant-keys.	1 box harness-soap.
100 feet cotton hose.	1 box axle-grease.
1 play-pipe.	1 box soda.
100 feet rope—life-line.	$\frac{1}{2}$ dozen tin boxes for Babcock.
100 feet rope.	33 chardes acid for Babcock.
2 lath-hooks.	1 whip.
1 canvas life-sheet.	4 bedsteads.
1 monkey-wrench.	4 springs.
1 torch.	4 pair double-blankets.
2 forks.	4 comforts.
1 cushion seat.	4 mattresses.
2 horses.	4 pillows.
1 set double-harness.	2 chairs.
2 hitch straps.	2 pair lace curtains.
1 hay-fork.	3 window-shades.
1 shovel.	1 bureau.
2 halter-straps.	4 wardrobes.

BUILDING PERMITS ISSUED BY SUPERINTENDENT OF BUILDINGS, BEGINNING APRIL 1, 1884, AND ENDING  
APRIL 1, 1885.

April.....	228
May.....	172
June.....	156
July.....	126
August.....	143
September.....	177
October.....	176
November.....	130
December.....	68
January.....	64
February.....	85
March.....	290
Total.....	1,815

Brick.....	532
Wood.....	912
Miscellaneous.....	371

Total.....1,815

Valuation of brick business buildings .....	\$1,525,261 00
Valuation of brick residence buildings.....	1,302,429 00
Valuation of brick miscellaneous buildings.....	152,055 00
Valuation of brick public buildings.....	1,004,000 00
Valuation of wood buildings.....	102,373 00

Total.....\$4,086,118 00

Below will be found a list of the Home Signal-boxes, as located in the City, and the number of watchmen attending the same:

Name and Location.	No. of Boxes.	No. of W.
Bullene, Moores, Emery & Co., 7th and Main.....	10	1
Wabash Freight Depot, St. Louis and Union Avenues. ....	2	1
Merchants' National Bank, Missouri Avenue and Main.....	1	1
Armour Bros. Bank, 5th and Delaware.....	1	1
Bank of Kansas City, 5th and Delaware .....	1	1
Kansas City Safe Deposit Co, 6th and Delaware. ....	1	1
S. B. Grimes, 512 Delaware.....	3	1
Consolidated Tank Line Co., Armourdale.....	2	1
Ridenour, Baker & Co., St. Louis Avenue and Mulberry. ....	1	1
Union Elevator, 8th and Santa Fe. ....	4	1
Elevator A, rear of J. Dold's .....	1	1
G. Y. Smith & Co, 11th and Main.....	6	1
Landis, Moulton & Co., 8th and Wyandotte.....	6	2
Landis, Moulton & Co., 10th and Broadway.....	2	1
E. L. Martin & Co., 6th and Central.....	1	1
Woodward, Faxon & Co., 1206 Union Avenue.....	2	1
Kansas City Distilling Co., East Bottoms.....	10	2
Corle Cracker and Confectionery Co., 2d and Main.....	5	1
Centropolis Hotel, 5th and Grand Avenue.....	5	2
Geo. Fowler Pork-Packing Co., 1st and James.....	16	4
Kansas City, Ft. Scott & Gulf General Office, 9th & Broadway....	2	1
Plankinton & Armour, 9th and State Line.....	16	5
J. Dold & Sons, 9th and Liberty.....	10	3
Morrison Packing Co., 8th and Hickory.....	4	1
Meyer Bros. Drug Co., 7th and Delaware.....	3	1
Alton Elevator, 1st and Lydia Avenue .....	1	1
Total.....	116	38

There are also 1,100 telephones located in different parts of the City, over which fire alarms are received; this makes the telephone alarm perfect.

Mr. Geo. T. Hewes Superintendent of Home Telegraph and Signal Co., and W. W. Smith, Superintendent of American Bell Telephone Exchange, and those connected with them, are deserving of the thanks of property owners, and especially of the Fire Department, for their earnest endeavors in giving the alarms, and particularly in the business part of the City; by their promptness many thousands of dollars have been saved from destruction by fire. These exchanges have worked admirably during the last year. We have had no trouble whatever in locating fires. This is due to the good management of these exchanges.

I desire to express my sincere thanks to his Honor, the Mayor, the City Comptroller, and to your honorable body, for the many favors extended in measures tending to increase the efficiency of the Department; also to all Departments of City government or kindness and official courtesy to myself and associates during the past year; especially to the Chief of Police and his department are my thanks due for valuable assistance at fires.

It is genuine pleasure to me to be able to state that the Department is well disciplined in every manner, and composed of good, sober, and trustworthy men, most of whom have been in the Fire service for a number of years, and have, by long experience and regular drill, become experts in combating fires. It has become the ambition and pride of this Department to subdue fires with as little damage by water as possible; and it is certainly gratifying to me to know that all fires have been handled with special reference to waste by water. I attribute the good showing of the Department to its rapid movement in responding to fires, and the play-pipes and other appliances being in the hands of well-drilled firemen. All members of the Department, and horses also, go through a drill twice each day. This drill consists of rapid hitching, coupling of hose, handling of ladders, climbing, etc. In conclusion, I would say my assistant and company officers I have found to be men who will not permit a wrong through the consideration of friendship, nor be driven to do so through fear of losing it. There is no petty jealousy existing among the members, such as would tend to disorganize the harmony of the Department.

I hold that the fireman's profession is just as legitimate

as any other, and a man may be a fireman and a gentleman also; and as the Kansas City press and every good citizen have extended their hand with so little reserve towards promoting the Department to a high state of efficiency, I am of the opinion that when our citizens meet a fireman they feel that they have met a gentleman. As the Fire Department of this City is divested of all political influences, save to exercise the privilege of elective franchise, and as all officers and members hold their respective positions until removed, for cause, they are thereby encouraged in fitting themselves for the service and adopting it as a profession. I hold that under such laws as govern the Kansas City Fire Department and the paying of good salaries, thereby retaining good and efficient men, and as the Department is well equipped with good apparatus, horses, and hose—I feel that the Department will accomplish the work for which it was created to the satisfaction of of the citizens of this City.

Respectfully yours,

GEORGE C. HALE,

*Chief Fire Department, Kansas City, Mo.*



# EXAMINATION MADE BY CHIEF OF FIRE DEPARTMENT, GEO. C. HALE, AND SUPERINTENDENT OF BUILDINGS, T. R. TINSLEY.

HOTELS IN KANSAS CITY EXAMINED AS TO REQUIREMENTS OF CHAPTER No. 142,  
VOL. 2, REVISED STATUTES OF MISSOURI.

Name of Hotel.	Name of Proprietor.	Location.	Stories High	Stairs from 1st to Top Story.	Means of Escape.	Notice Up.	Remarks.
Windsor.....	Mrs. Bennett.....	Missouri Ave. & Walnut.....	3	2	None.....	No	3d story side open on adj. metal roof.
Nivison.....	G. F. Nivison.....	543 Walnut.....	3	2	1-in. ropes	No	Agrees to put up.
St. James.....	L. C. Alexander	Walnut, near Missouri Ave.	4	2	Iron lad'rs & fire esc.	Yes	Well provided.
Daggett.....	L. P. Swayne.....	111 East 6th.....	3	2	Ropes.....	No	Agrees to put notices
Central.....	E. Broderick.....	608 Walnut.....	3	2	None.....	No	Notified by F.D. Paid no attention.
Blossom.....	G. N. Blossom.....	1048 Union Ave.	5	2	Rope fire escapes.....	OK	Well provided.
Railroad.....	Phillips & Van.....	1046 Union Ave.	3	1	None.....	No	Ignorant of the law.
Adams.....	C.F. Bailey, Man	1028 to 1032 Union Ave.....	3	2	Ropes.....	No	Agrees to put notices
United States	M. Conn.....	1024 Union Ave.	3	2	Ropes.....	No	Agrees to put notices
Kansas City	J. J. Jones.....	918 & 920 Union Ave	3	2	Two ropes	No	18 rooms top floor.
St. Louis.....	Peter Hasse.....	916 Union Ave.....	3	2	None.....	No	Iron balcony in front Agrees to get ropes.
St. Elmo.....	John Tilton.....	834 Main.....	3	1	None.....	No	14 rooms.
St. Paul.....	M. Gake.....	836 Union Ave.....	3	1	None.....	No	Ignored F. D. notice.
Patton.....	J. J. Patton.....	1312 Grand Ave.	3	2	Rope in hall.....	No	Agrees to do so.
Grand View...	C. Adams.....	1005 & 1007 Grand Ave.....	3	2	None.....	No	.....
Monroe.....	Wm. Regan.....	501 Walnut.....	3	2	Ropes.....	No	Agrees to put notices
Centropolis...	J. C. Dunn.....	5th & Grand Av	4	2	Ropes end of hall.....	No	Has balcony. Watc'n Agrees to put notices. Been notified. Should be indicted.
Granby.....	J. A. Tralle.....	3d & Grand Av..	3	1	None.....	No	Putting up iron esc. Will put notices.
Palace.....	Mrs. Baughman	4th and Main....	4 & 3	2	Ropes.....	No	Will put notices.
Looney.....	W. J. Looney.....	4th and Main....	3	2	Ropes.....	No	Will put notices.
Barnum.....	Jordon & Hoffman	4th and Main....	4	2	Ropes.....	No	Will put notices.
Mound City...	Regan & Behan	416 Main.....	4	1	Few ropes	No	86 rooms; 200 beds. No watchman.
Glen.....	F. Glenn.....	11 East 5th.....	3	2	Ropes.....	No	Agrees to put notices
Grand Centr'l	L. C. Roff.....	614 Main.....	3	1	None.....	No	Has not been notified
Ætna.....	Burke & Mitchell	705 Main.....	3	2	One rope..	No	Agrees to put up ropes.
Cable Line.....	J. M. White.....	906 & 908 Main...	3	2	None.....	No	Agrees to put up.
St. George.....	.....	.....	3	—	None.....	No	Agrees to put in.
Whittaker's...	I. Whittaker.....	1028 Main.....	3	2	Ropes.....	No	Agrees to put notices
Brunswick...	Barnes, Brock-ett & Barnes...	11th & Broadw'y	5	2	Ropes and fire esc.....	No	Watchman and mercurial fire indicator. O K.
Coates.....	K. Coates.....	10th & Broadw'y	5	2	Iron lad'r and ropes	No	Watchman and balconies.
Metropolitan.	.....	5th and May.....	4	2	Ropes.....	No	Agrees to put notices
Delmonico.....	M. A. Dehoney.....	225 & 227 W. 5th..	4	2	Ropes.....	No	Agrees to put notices
Tremont.....	J. Hazlep.....	210 & 212 W. 5th..	3	2	Ropes.....	No	Agrees to put notices
Lindell.....	F. W. Poor.....	5th & Wyndotte	4	2	Ropes.....	No	Agrees to put notices
Commercial...	John Moellar...	Grand Av. & 13th	3	2	End hall....	No	Agrees to put in.

EXAMINATION OF TENEMENT, BOARDING, AND LODGING HOUSES—  
CONTINUED.

Name of Proprietor.	Location.	Stories High.	Stairs from 1st to Top Story.	Means of Escape.	Notices up.	Remarks.
Mrs. Donnelly..	6th and Walnut	3	1	None.....	No	10 rooms on top floor.
Mrs. Wilkerson	1060 Union Ave.	3	1	None.....	No	Rooms on top floor open on roof.
Mrs. M. E. Chamberlain	1304 Grand Ave.	3	1	None.....	No	11 rooms, 7 ft. 1 inch wood partitions.
E. Foreman.....	1414 Grand Ave.	3	1	None.....	No	13 rooms occupied by families.
H. Rieke.....	1412 Grand Ave.	3	1	None.....	No	13 rooms occupied by families.
Beitman Bros...	1410 Grand Ave.	3	1	None.....	No	13 rooms occupied by families.
Fred Philippon	1228 & 1230 Grand Ave.....	3	1	None.....	No	22 rooms occupied by families.
Em'a Williams.	215 East 3d.....	3&4	2	None.....	No	Immediately ordered them .....
Jack Scanlan....	112 East 3d.....	3	1	None.....	No	Agreed to put up ropes.....
H. D. Clark .....	106 & 108 East 3d	3	1	Ropes in hall.....	No	20 rooms.
Mrs. E. A. Baughman	8th and Walnut	3	1	None.....	No	Immediately ordered them.
John Keenan....	309 Main.....	3	1	None.....	No	Immediately ordered them.
F. W. Hanser....	512 Main.....	3	2	None.....	No	Agrees to get ropes.
George Cooley...	549 Main.....	3	1	None.....	No	Agrees to get ropes.
H. A. Heist.....	1010 Main.....	3	2	None.....	No	.....
W. H. Bean.....	914 Main.....	3	1	None.....	No	.....
Miss Everhart..	1034 Main.....	3	1	None.....	No	.....
Mattie Wilson..	401 Broadway....	3	2	None.....	No	Agrees to put up.
Fannie Wilson.	245 & 247 W. 4th.	4	2	None.....	No	Immediately ordered iron escapes.
Jennie James..	238 West 4th.....	3	2	None.....	No	Agrees to put up.
Julia Howland.	236 West 4th.....	3	1	None.....	No	.....
Laura Courtney	234 West 4th.....	3	1	None.....	No	.....
Kittie Clifford..	245 West 3d.....	3	1	None.....	No	.....
Kate James .....	243 West 3.....	3	1	None.....	No	Agrees to put in.
Lottie Van.....	239 West 3d.....	3	1	None.....	No	Insulted inquiry. Refused to put ropes.
Mollie Butler....	220 West 3d.....	3	1	None.....	No	Does not need them.
Mollie Scruggs..	205 & 207 W. 3d..	3	1	None.....	No	.....
Nellie Scott.....	204 West 4th.....	3½	2	None.....	No	.....
Mrs. J. Brannan	218 West 5th.....	3	1	None.....	No	Will put up at once.
A. Adkins.....	211 & 213 W. 5th.	3	2	Ropes.....	No	O. K.

Respectfully submitted,

T. R. TINSLEY,  
Supt. of Buildings.

No. 27,505.

An Ordinance to compel the erection of Fire-escapes upon Certain Buildings within the City of Kansas and prescribing misdemeanors.

*Be it ordained by the Common Council of the City of Kansas :*

SECTION 1. All buildings within the corporate limits of the City of Kansas three stories high or over, wherein ten or more persons are employed or are accustomed to remain for a period of two hours or more during the night or day, and all tenement houses three stories high or more occupied by five (5) families or more, or lodging or boarding houses three stories high or over, occupied by ten or more lodgers or boarders, and all drug houses, liquor stores, distilleries, breweries, chemical works and buildings where combustible materials are kept or stored temporarily or permanently, three stories high or over, and all manufactories three stories high or over, wherein ten or more persons are employed to work, and all opera-houses, theaters, hotels, public halls, lodge rooms, museums, lecture rooms, public libraries, and buildings used for places of amusement of any kind, or buildings wherein crowds of people are invited to assemble for any purpose, and all hospitals or convents, and all buildings three stories high or over, where persons are employed to labor in any capacity to the number of ten or more, shall be provided with fire-escapes as described in this ordinance.

SEC. 2. It shall be the duty of the owner or any person in charge of any house or building mentioned in the preceding section, upon the passage of this ordinance, and within thirty days after he shall have been notified in writing so to do by the Chief Engineer of the Fire Department of the City of Kansas, to erect or cause to be erected fire-escapes upon such buildings as herein provided.

SEC. 3. The fire-escapes shall be a permanent iron or metal ladder securely attached to the building, at least 18 inches wide, and set at least 6 inches away from the wall, and at each story be provided with a balcony or landing at least 3 feet square, so as to be accessible from the window or door thereof; such ladder shall be long enough, and so placed, as to begin 3 feet above the top of the building and extend downward to within 14 feet of the ground. The fire-escape

shall be placed on the front or side of the building where the greatest number of openings are, and so as to be accessible from such openings.

SEC. 4. Any person owning any such buildings as described in this ordinance, or any person in charge thereof as agent or otherwise, who shall fail to comply with the provisions of this ordinance, shall be deemed guilty of a misdemeanor, and punished by a fine of not less than one hundred nor more than five hundred dollars.

Approved July 8, 1884.

## CHAPTER 142, VOL. II., REVISED STATUTES OF 1879.

SECTION 6619—DUTY OF HOTEL-KEEPERS TO PROVIDE MEANS OF ESCAPE.—It is hereby made the duty of every keeper or proprietor of every hotel or lodging-house in this State of over two stories in height, to provide and securely fasten in every lodging-room above the second story which has an outside window, and is used for the accommodation of guests or employes, a rope or rope-ladder for the escape of the lodgers therein in case of fire, of at least one inch in diameter, which shall be securely fastened within such room as near a window as practicable, and of sufficient length to reach therefrom to the ground outside of such hotel or lodging-house, and made of strong material and as secure against becoming inflamed as practicable. Such rope or rope-ladder shall be kept in good repair and condition. In lieu of a rope or rope-ladder there may be substituted any other appliance that may be deemed of equal or greater utility by the fire department or any other authority that may have the control of fire regulations in the city or town where such hotel or lodging-house is located; but such appliance shall in all cases be so constructed as to be under the control and management of any lodger in such room.

SEC. 6620—CERTAIN HOTELS, ETC., TO BE PROVIDED WITH IRON BALCONIES AND STAIRS.—Every hotel or lodging-house in this State over three stories in height shall be provided without delay with permanent iron balconies with iron stairs leading from one balcony to the other, to be placed at the end of each hall above the third story in case such hotel is over one hundred and fifty feet in length, and in other cases such



number as may be directed by the fire department or such other authority as may have control of fire regulations in any city or town where such hotel or lodging-house is located. Such balconies and iron stairs shall be constructed at the expense of the owner of such hotel or lodging-house.

SEC. 6621—DUTY OF HOTEL-KEEPERS, ETC., TO POST NOTICE, WHERE.—It shall be the duty of every such proprietor or keeper of any hotel or lodging-house to post notices in every such room of such hotel or lodging-house calling attention to the fact that this act has been complied with and the part of such room where such coil of rope or rope-ladder is fastened.

SEC. 6622—PENALTY FOR VIOLATION OF THREE PRECEDING SECTIONS.—Any violation of the provisions of the three preceding sections shall be deemed a misdemeanor, and any person convicted thereof shall be punished by a fine of not more than five hundred dollars nor less than fifty dollars.

SEC. 6623—DUTY OF HOTELS AND LODGING-HOUSES TO PROVIDE WATCHMEN, WHEN; SPECIAL REGULATIONS.—In all hotels or lodging-houses containing more than fifty rooms, and being four or more stories high, the proprietor or lessee of each hotel or lodging-house shall employ and keep at least one competent watchman on each floor or story thereof, whose duty it shall be to keep watch and guard in such hotel or lodging-house against fire and to give warning in case a fire should break out. Such watchman shall be on duty between the hours of 9 o'clock P. M. and 6 o'clock A. M., and in case of fire he shall instantly awaken each guest and all other persons therein and inform them of such fire. A large bell or gong shall be placed in or near the office to be used to alarm the inmates of such hotel or lodging-house in case of fire therein. It shall be the duty of every proprietor or keeper of such hotel or lodging-house, in case of fire therein, to give notice of the same to all the guests and inmates thereof at once, and to do all in their power to save such guests and inmates. Should such watchman leave his post of duty in such hotel or lodging-house for more than fifteen minutes at any one time during the hours specified for him to be on watch, or if he shall sleep while on duty, or if he shall fail to awaken

the persons sleeping in such hotel or lodging-house, he shall be deemed guilty of a misdemeanor, and on conviction shall be punished by imprisonment in the county jail not exceeding one year or by a fine not less than fifty dollars nor more than five hundred dollars. Every proprietor of such hotel or lodging-house who shall fail to comply with the requirements of this section shall be deemed guilty of a misdemeanor, and upon conviction shall be punished in the same manner as provided in section 6622.

SEC. 6624—ACT TO BE GIVEN IN CHARGE TO GRAND JURY.—This chapter shall be given in charge to the grand jury at each session, and they shall make due inquiry and indict and bring to trial all parties found guilty of violating any of its provisions.

SEC. 6625—PENALTIES TO BE PAID, TO WHOM.—All fines imposed and collected for any violation of the provisions of this chapter shall be paid to the treasurer of the town, village, or city where such offense is committed, for the use and benefit of the public common schools thereof.

SEC. 6626—HOTELS, ETC., TO BE ERECTED, HOW.—All hotels or lodging-houses hereafter constructed in this State, over two stories in height, and over one hundred feet in length, shall be constructed so that there shall be at least two pairs of stairs leading from the ground floor to the uppermost story.

SEC. 6629—PLACES OF PUBLIC AMUSEMENT, HOW CONSTRUCTED.—Every place for public amusement shall have at least the following arrangements for the safety from fire of those attending therein: The seats shall be located in rows with spaces between them adequate for easy ingress and egress, and an aisle of at least four feet in width shall run centrally between the rows on the lowest floor, if more than one floor, from the commencement of the seats towards the place of the performance, exhibition, or speaking as far as the seats are located, and if there be only one floor, then between the rows on that floor; and also an aisle of at least three feet in width shall be run along the outward ends of the said rows of seats, and also around or along the ends of all rows of seats, wherever located; and all aisles shall be kept unobstructed towards places of egress; all seats shall be located in rows, to



which such aisles shall conform. All doors for egress shall open outwardly, and there shall be as many doors for egress for those in attendance as can be made consistently with the proper strength of the building. All scenery shall be made as secure against becoming inflamed as reasonably practicable, and also all reasonably practicable arrangements shall be made for the constant supply of water, or other means for the extinguishment of fires, and they shall be kept constantly effective during the presence of an audience. No more persons shall be admitted into any such place than there are seats therefor located as aforesaid.

SEC. 6630—CONSTRUCTION OF PLACES OF AMUSEMENT TO CONFORM TO PRECEDING SECTION.—Every place hereafter constructed for public amusements shall be made to conform to the requirements of the preceding section, and every such place now existing shall be made to conform thereto without unnecessary delay.

SEC. 6631—LICENSE NOT TO BE GRANTED FOR PUBLIC AMUSEMENT, WHEN.—No license shall be given for any public amusement or entertainment in any place not constructed and arranged as in this act required.

SEC. 6632—PENALTY FOR GIVING PUBLIC AMUSEMENTS IN VIOLATION OF CERTAIN PROVISIONS.—Every person who shall give any public amusement, entertainment, or exhibition in any place not constructed and arranged as required in this chapter, or shall violate or permit the violation of any of its requirements, shall forfeit his license therefor, and shall also pay a fine of not less than twenty dollars nor more than five thousand dollars, for every act of non-compliance with any of the provisions of the three preceding sections and for every violation of any of them, to be recovered upon the complaint of any person, in an action of debt, in any court of competent jurisdiction, held in the town, village, or city where the offense shall occur, and in the name of such town, village, or city. One-half of the recovery in every case shall be paid to the person making the complaint, and the other half shall be paid to the treasurer of such town, village, or city, for the use and benefit of the public common schools thereof.

SEC. 6633—DOORS TO CERTAIN BUILDINGS TO BE HUNG, HOW.—All the doors for ingress and egress to and from all

public school-houses and all other public buildings, and also of all theaters, assembly rooms, halls, churches, factories with more than twenty employes, and of all other buildings or places of public resort whatever where people are wont to assemble, excepting school-houses and churches of one room and on the ground floor, which shall hereafter be erected, together with all those heretofore erected and which are still in use as such public buildings or places of resort, shall be so hung as to open outwardly from the audience rooms, hall, or workshops of such buildings or places; provided, that said doors may be hung on double-jointed hinges so as to open with equal ease outwardly and inwardly.

SEC. 6634.—PENALTY, ETC.—Any architect, superintendent, or other person or persons, or body corporate, who may have charge of the erection or may have the control or custody of any of the said buildings or places of resort mentioned in the preceding section, who shall refuse or fail to comply with the provisions of said section within six months from the passage of this Act, in case of said buildings or places aforesaid, which have been heretofore erected, and before the completion or occupation for said purposes of any of said buildings or places now in process of erection, shall, on proof of such refusal or failure before any court of competent jurisdiction, be adjudged to be guilty of a misdemeanor and be punished by a fine of not less than one hundred nor more than one thousand dollars, which said fine shall be collected as is now provided by law for the collection of fines in such cases, and when collected shall be paid into and become a part of the public school fund of the county or city or incorporated town in which said misdemeanor was committed.

### WATER-WORKS.

Following will be found a table showing water-pipes and hydrants, and amount of pipe laid and number of hydrants set each year. From this table it will be seen that the Water Company have added over six and a half miles of pipe and sixty-three hydrants to the system during the year 1884:

## NATIONAL WATER-WORKS COMPANY, KANSAS CITY, MO. - PIPE SYSTEM.

SIZE.	24 in.	20 in.	15 in.	12 in.	10 in.	8 in.	6 in.	4 in.	Less than 4 in.	Total Feet of Pipe.	Miles of Pipe.		Hydrants each year.	Total No. Hydrants.
											MILES.	FEET.		
WHEN LAID.														
Original Plant.....	1,320	8,112	3,984	17,190	12,178	16,513	18,187	8,146	.....	85,630	16	1,150	180	180
1875 to 1879.....	.....	.....	.....	.....	.....	1,320	7,553	11,990	.....	20,863	3	5,023	44	224
1879.....	.....	.....	.....	.....	.....	.....	7,399	9,148	1,925	18,472	3	2,632	26	250
1880.....	.....	.....	.....	.....	.....	.....	3,616	6,013	2,611	12,240	2	1,680	15	265
1881.....	.....	1,296	8,881	5,622	.....	1,882	7,897	5,496	828	31,902	6	222	16	281
1882.....	.....	6,136	1,849	3,024	1,458	5,055	15,785	14,080	.....	47,377	8	5,137	113	394
1883.....	.....	.....	.....	.....	2,019	3,078	19,855	9,000	467	34,419	6	2,739	60	451
1884.....	.....	.....	250	.....	.....	1,222	15,368	12,362	5,641	34,843	6	3,283	63	517
Totals.....	1,320	15,544	14,954	25,836	15,655	29,170	95,660	76,235	11,472	285,746	54	21,866	517	.....

Major Jones, superintendent of the a Water-works, informs me that from the amount of pipe already located by the City Council, he believes more extensions of water-mains will be required during 1884 than for any year since the completion of the works. The company are keeping well up with the locations made, and besides are now engaged in laying a new 16-inch water-main (directly east from their works) on 24th street to the Rosedale boulevard, thence on the boulevard to Main street, connecting with the large water-mains on Main street and 18th street. This additional water-main is being put in in order to re-inforce the upper town supply, and especially the southern portion of the City. The consumption of water having increased so rapidly within the past year or two, it was feared that during the time of large fires the lines already leading from the works would soon be too small to carry sufficient water for domestic use, and the throwing of fire-streams at the same time, without too great a loss of pressure by friction. This is a precaution in time, and shows a disposition on the part of the company to keep up with the growth of the City.

In this connection I would recommend that hydrants be located by the Council at street intersections from the point where the pipe first comes into the City limits to Main street. There should be located one hydrant at each point where the following streets will intersect the Boulevard:

One hydrant at north-east corner of Jefferson street and Boulevard.

One hydrant at north-west corner of Penn street and Boulevard.

One hydrant at south-east corner Washington street and Boulevard.

One hydrant at south-west corner of Central street and Boulevard.

One hydrant at south-west corner of Twentieth street and Boulevard.

One hydrant at north-east corner of Wyandotte street and Boulevard.

One hydrant at south-east corner of Baltimore Avenue and Boulevard.

This pipe is being put down without any order from the City Council, and, unless action is taken promptly, will be

completed without any fire-hydrants. This portion of the City has already suffered from one or two serious fires, which could have been put out in their incipency had there been hydrants convenient. The locality is building up rapidly and has large lumber and manufacturing interests, the owners of which are much concerned in the matter. On that part of the line outside of the present City limits hydrants should be located when it is taken into the City.

In former reports I have taken occasion to compliment the Water-works upon the promptness with which they have furnished fire-pressure when called upon, and need only say at this time that I have not yet had reason to change my views regarding the efficacy and good management of the works. They have at all times been equal to any calls made upon them by my Department, and their officers and employes have always shown themselves courteous and accommodating to the Fire Department. I believe that Kansas City has to-day as efficient water-works for fire protection as can be found in the country, and they are being kept well up to the wants of the City. If the company continues to do this we are fortunate, as with the many wants of the City it is doubtful if the water-works could be kept up as well as they are except under the management of a company.



# DETAILED REPORT OF FIRES.

DATE.	TIME.	LOCATION.	OWNER.	OCCUPANT.	LOSS ON BLDG.	INS. ON BLDG.	LOSS ON STOCK.	INS. ON STOCK.	DESCRIPTION.	FOR WHAT USED.	ORIGIN.	REM.
1884.												
Apr. 25	8:00 p.m.	14th and Walnut.	Mr. Snediker.	Same.	\$ 10 00				1-story frame.	Barber Shop.	False alarm.	Tele.
" 25	11:00 p.m.	610 East 5th.	D. Pratt	J. C. Bartell	5 00			500 00	2-story frame.	Grocery.	Lamp explosion.	"
" 26	6:30 p.m.	1314 West 9th.	Geo. Pasfield.	Larkin, S. & Co	15 00	9,000 00		18,000 00	3-story brick.	Com. House.	Incendiary.	"
" 28	6:30 a.m.	Main bet. Mo. av. & 6th.	Wm. Long.	Whitford & S.					2-story brick.	Restaurant.	Tar burning.	"
" 28	4:00 p.m.	Mo. av. and Walnut.	H. Brown.	F. Pellitere.	2,200 00	6,000 00		4,000 00	1-story brick.	Residence.	Gasoline sto. exp.	"
" 30	6:30 a.m.	1019 Harrison.	Hanlon & Dean	Sousley & N.				1,500 00	Brick & frame	Livery Stable	Gasoline sto. exp.	"
May	1 9:30 p.m.	119 West 5th.	Hanlon & Dean	Tom Sanford.				1,000 00	Brick & frame	Saloon.	Carelessness.	"
" 1	9:30 p.m.	119 West 5th.	Hanlon & Dean	Barber Shop.				13,000 00	Brick & frame	Barber Shop.	Carelessness.	"
" 4	5:30 p.m.	542 Main.	McDowell Est.	Y. M. C. A.	300 00	21,000 00		3,000 00	4-story brick.	Y. M. C. A.	Defective heater.	"
" 8	1:30 a.m.	8th and Hickory.	Armour & J.	Same.	1,500 00	3,000 00		400 00	2-story brick.	Excelsior Fac.	Unknown.	"
" 8	9:00 a.m.	315 East 9th.	Mr. Stewart.	Wm. Cross.	135 00	2,500 00		2,500 00	2-story brick.	Bakery.	Accidental.	"
" 8	9:00 a.m.	317 East 9th.	Mr. Stewart.	McGrail & F.	145 00				2-story brick.	Unoccupied.	Accidental.	"
" 12	9:00 p.m.	423 Delaware.	F. W. Schulte.	Unoccupied.	10 00	5,000 00			2-story brick.	Planing Mill.	Incendiary.	"
" 13	1:00 a.m.	554 & 556 Grand av.	Wm. Morrison	Same.	5 00	5,000 00			3-story brick.	Residence.	Overheated stove.	"
" 15	9:00 a.m.	209 West 7th.	Y. B. Ewing.	Off. Boulware	50 00				1-story frame.	Wood Shed.	Unknown.	"
" 16	6:00 p.m.	577 & 579 Tracy av.	Mr. Wheelock	C. W. Vanretter.	40 00				1-story frame.	Wood Shed.	Children playing matches.	"
" 19	1:30 p.m.	1426 Cherry.	Mr. Witte.	Same.	200 00	2,000 00		2,000 00	2-story brick.	Foundry.	Accidental.	"
" 27	10:00 p.m.	7th and Ann.										"
" 27	1:20 a.m.	6th and McGee.										"
June	10 9:00 a.m.	Walnut bet. 6th & Mo. av.	P. S. Brown.	Mrs. Bamberger	200 00	3,000 00		1,500 00	2-story frame.	Hotel.	False alarm.	"
" 14	4:00 a.m.	525 Walnut.	Mr. Stein.	J. P. Bell.	5 00			1,500 00	2-story brick.	Grocery.	Unknown.	"
" 16	10:15 p.m.	11th and Main.	A. W. Arnout.	T. B. Murphy.					3-story brick.	Restaurant.	Carelessness.	"
" 18	4:00 p.m.	1021 Penn.	Wm. Warner.	Same.	2 00				1-story frame.	Stable.	Lamp explosion.	"
" 19	5:15 p.m.	12th and Central.	Mr. Crawford.	Mrs. Hedstrom	100 00			100 00	2-story frame.	Residence.	Fire-crackers.	"
" 25	3:30 a.m.	5th and Grand av.	Mr. Broadwell.	J. C. Dunn.	100 00	50,000 00		50 00	4-story brick.	Hotel.	Gasoline sto. exp.	"
" 26	4:00 a.m.	Kansas City, Kas.									Accidental.	"
" 26	6:30 a.m.	813 McGee.	N. Miller, Jr.	Same.					2-story brick.	Residence.	Outside limits.	"
" 27	8:30 p.m.	1309 St. Louis av.	Wm. Muft.	Same.	2 00	2,000 00		1,500 00	2-story frame.	Bakery.	Gasoline sto. exp.	"
July	3 11:30 p.m.	5th and Wyandotte.	Louis Schoen.	Mr. Morgan.	5 00			1,800 00	2-story brick.	Hotel.	Carelessness.	"
" 4	1:00 p.m.	9th and Bell.	J. D. Moriaty	M. B. Horton.	500 00	1,000 00		1,000 00	2-story frame.	Dry Goods.	Fire-works.	"
" 4	3:00 p.m.	11th and Walnut.	Mr. Walpole.	Jas. Brice.	5 00	1,000 00			2-story brick.	Residence.	Fire-works.	"
" 4	8:30 p.m.	Kansas City, Kas.									Outside limits.	"
" 4	10:30 p.m.	514 & 516 Main.	C. Bachman	Same.	50 00	12,000 00		50,000 00	3-story brick.	Clothing Ho.	Accidental.	"
" 7	6:30 p.m.	1503 Wyandotte.	Jas. Denison	Same.	5 00	1,000 00			2-story brick.	Residence.	Gasoline sto. exp.	"
" 7	10:00 p.m.	10th and Broadway.	Kersey Coates.	Same.	50 00				5-story brick.	Hotel.	Accidental.	"
" 9	4:00 p.m.	1437 Genesee.	Ed. Noonan.	Same.	20 00				1-story frame.	Shed.	Unknown.	"
" 10	11:00 a.m.	Inde. av. and Holmes.	Jos. Selger.	Same.	5 00				1-story frame.	Shed.	Hot stove.	"



July 11	8:30 a.m.	511 Inde. av.	C. F. Buras.	R. E. Page.	20 00	1,000 00	600 00	2-story brick.	Meat Market.	Gasoline sto. exp.	Tele
"	11 9:00 a.m.	1422 Grand av.	Peter Young.	J. Good.	20 00			1-story frame.	Paint Shop.	Hot stove.	"
"	11 3:00 p.m.	Santa Fe bet. 8th and 9th	Wm. Bruce.	Same.	5 00			1-story frame.	Kitchen.	Hot stove.	"
"	12 9:30 p.m.	1019 Walnut.	I. B. Atkinson.	W. J. Ganes & Co.	20 00			2-story brick.	Carpenter Sh.	Lamp explosion.	"
"	17 3:15 a.m.	1227 & 1229 Grand av.	Wimbush, Powell & Co.	Same.	500 00		4,000 00	2-story brick.	Flour Mill.	Carelessness.	"
"	23 6:45 p.m.	7th and Ann.	Mr. Putnam.	Ed. Walsh.	5 00			1-story frame.	Residence.	Building fell.	"
Aug.	3 3:30 p.m.	906 East 9th.	J. C. Nichols.	A. C. Warner.	10 00			1-story frame.	Carelessness.	Carelessness.	"
"	10 7:00 p.m.	1516 Grand av.	F. H. Kump.	Sandy Edwards.	400 00			2-story brick.	Tin Shop.	Defective flue.	"
"	12 7:00 p.m.	14 West 4th.	Corlie Cracker Co.	Same.	800 00		400 00	2-story brick.	Residence.	Lamp explosion.	"
"	15 12:30 p.m.	914 Wyandotte.	M. K. Smith.	Mrs. Robinson.	150 00		1,200 00	2-story brick.	Stable.	Unknown.	"
"	18 3:30 p.m.	1901 Highland av.	M. K. Smith.	P. H. Fairburger.	85 00			2-story brick.	Boarding Ho.	Unknown.	"
"	19 11:45 p.m.	13th and Central.	Presbyterlan Ch.	Same.	150 00			1-story frame.	Church.	Unknown.	"
"	21 8:00 p.m.	1612 Summit.	Wm. Benn.	Same.	35,000 00			1-story frame.	Church.	Incendiary.	"
"	22 3:10 a.m.	9th and State Line.	Mrs. Griffin.	W. McCough.	150 00			1-story frame.	Residence.	Incendiary.	"
"	22 9:00 p.m.	St. Lav. bet. Mul. & Hick.	Wm. Muir.	Same.	20 00			1-story frame.	Saloon.	Unknown.	"
"	24 4:00 p.m.	922 Walnut.	Mrs. Brumbell.	Chas. Fairweather.	1,500 00			2-story frame.	Bakery.	Accidental.	"
"	28 3:00 p.m.	922 Wyoming.	Mr. Doyle.	Chas. F. Clark.	5 00			2-story brick.	Boarding Ho.	Carelessness.	"
"	29 11:30 p.m.	1510 St. Louis av.	Chas. Dwyer.	Same.	10 00			1-story frame.	Residence.	Unknown.	"
Sept.	1 12:15 a.m.	1425 Grand av.	O. W. Warren.		300 00			2-story brick.	Millinery.	False alarm.	"
"	2 8:00 p.m.	13th and Cherry.	Santa Fe R. Co.	Same.	50,000 00			2-story frame.	Freight Depot.	False alarm.	"
"	3 8:00 p.m.	Joy and Hickory.	Mrs. Huggins.	J. B. Call.	250 00			2-story brick.	Residence.	Lamp explosion.	"
"	6 8:30 p.m.	615 Campbell.	M. M. Morrison.	Jas. Dalton.	250 00		100 00	3-story brick.	Grocery.	Gasoline sto. exp.	"
"	8 3:00 a.m.	207 West 7th.								Incendiary.	"
"	8 7:15 p.m.	606 Wyandotte.	Webster, Agt.	S. Wright.	50 00			2-story frame.	Residence.	False alarm.	"
"	13 6:00 p.m.	1207 East 18th.	D. C. Wideman.	H. London.	100 00		200 00	1 1/2-story frame.	Store.	Defective flue.	"
"	15 8:00 a.m.	1405 West 9th.								Unknown.	"
"	17 1:00 a.m.	1213 Union av.	A. Benson.	F. Zeebe.	10 00			1-story brick.	Residence.	False alarm.	"
"	18 2:45 p.m.	1219 Dripps.	Coburn & Ewing.	A. M. Express Co.	30 00			3-story brick.	Express Office.	Defective flue.	"
"	21 3:00 p.m.	5th and Delaware.								Carelessness.	"
"	22 1:00 a.m.	4th and Main.								False alarm.	"
"	25 3:00 a.m.	8th and Mulberry.	H. D. Clark.	D. C. Orr.	15 00			2-story frame.	Excelsior Fac.	Incendiary.	"
"	25 3:00 a.m.	310 East 20th.	B. Grimes.	B. S. Levy.	10 00			1-story frame.	Residence.	Incendiary.	"
"	27 7:15 a.m.	516 Delaware.	A. C. Fox.	McDonnell, Moore & Fox.	500 00			4-story brick.	Visit Parlor.	Gasoline sto. exp.	"
"	28 3:00 a.m.	1315, 1317, 1317 1/2 East 18th.	Askew Bros.	Same.	100 00		75 00	1-story frame.	Groc. & Conf.	Coal-oil sto. exp.	"
"	28 11:00 a.m.	3d and Main.	Mr. Williamson.	Mrs. Finney.	500 00			2-story frame.	Collar Factory.	Unknown.	"
"	28 7:45 p.m.	221 West 12th.						3-story brick.	Residence.	Supposed incend.	"
"	30 1:00 a.m.	9th and Main.								False alarm.	"
Oct.	5 9:00 p.m.	10th bet. B way & Wash.	Edmon Conran.	Same.	5 00			2-story frame.	Residence.	False alarm.	"
"	6 1:00 p.m.	905 West 13th.	Unknown.	D. Austin & Co.	11,000 00			2-story frame.	Plumbers Shop.	Fire-crackers.	"
"	8 6:00 p.m.	614 Delaware.	Judge White.	Mrs. Simon.	5 00		25,000 00	1-story brick.	Residence.	Carelessness.	"
"	11 9:30 a.m.	812 East 9th.	T. B. Bullene.	Unoccupied.	40 00			3-story brick.	Residence.	Coal-oil sto. exp.	"
"	15 9:45 p.m.	6th and Bluff.	Hall Bros.	G. W. & E. Partridge.	3,000 00			2-story frame.	Residence.	Incendiary.	"
"	18 3:00 p.m.	821 & 823 Main.	P. W. Ditch.	Anna Welsch.	35,000 00		2 00	2-story brick.	Business Ho.	Carelessness.	"
"	17 9:00 p.m.	117 East 4th.	F. Mullschuster.	Chas. Eschbach.	4,000 00			2-story frame.	Residence.	Lamp explosion.	"
"	18 7:00 p.m.	1323 Grand av.			5 00		600 00	2-story brick.	Business Ho.	Gasoline sto. exp.	"

# DETAILED REPORT OF FIRES—CONTINUED.

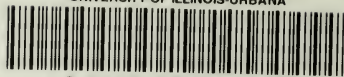
DATE.	TIME.	LOCATION.	OWNER.	OCCUPANT.	LOSS ON BLDG.	INS. ON BLDG.	LOSS ON STOCK.	INS. ON STOCK.	DESCRIPTION.	FOR WHAT USED.	ORIGIN.	REM.
1884.												
Oct. 18	9:30 p.m.	216 West 7th	Dr. Ford	Mrs. Ivers.....	\$ 5 00	\$ 2,500 00	\$.....	\$ 500 00	2-story brick.	Residence	Lamp explosion.	Tele.
" 22	4:00 a.m.	8th and Mulberry	Johnson & Co.	Same.....	1,500 00	3,000 00	.....	.....	2-story frame	Excelsior Fac	Unknown	"
" 24	7:30 a.m.	8th and Holmes	Mr. Dickinson.	Squire Smith.	2 00	.....	.....	.....	1-story frame	Dwelling	Unknown	"
" 24	4:30 a.m.	615 Cherry	A. Witle.	Glass Works Co	600 00	5,000 00	900 00	.....	2-story brick.	Brass Found.	Defective furnace	"
" 29	4:30 a.m.	7th and Anaceth	S. M. Ford.	H. G. Bastman.	5 00	500 00	.....	1,200 00	1-story frame	Boarding Ho.	Defective flue....	"
" 30	1:30 p.m.	Wyandotte, bet. 5th & 6th									tar kettle.	"
" 31	1:00 p.m.	14th and Grand av.	Smith & Keat'g	John Wood	75 00	.....	.....	.....	1-story frame	Dwelling	Defective flue....	"
Nov. 1	8:45 p.m.	10th and Mulberry	Bernard Miller.	Same.....	10 00	6,000 00	.....	.....	2-story brick.	Dwelling	Defective flue....	"
" 2	9:30 a.m.	4013 Baltimore av.									False alarm.	"
" 3	6:15 p.m.	21st and Grand av.	Henry Riekey.	S. Mills.	25 00	18,000 00	.....	700 00	3-story brick.	Carelessness.	False alarm.	"
" 5	1:30 a.m.	725 Main.									Outside limits.	"
" 6	1:00 a.m.	9th and Brooklyn av	Dr. Pierce.	Rice Tinw. Co.	200 00	2,500 00	.....	6,000 00	4-story brick.	Business Ho.	Unknown	"
" 7	6:00 p.m.	3d and Delaware.	J. Spencer.	Mrs. Riglow	.....	1,500 00	.....	.....	2-story brick.	Residence	Lamp explosion.	"
" 7	8:00 p.m.	811 Central.										"
" 8	4:30 p.m.	4th bet. Main & Walnut	T. H. Swope.	G. G. Sars.	150 00	2,500 00	175 00	3,500 00	2-story brick.	Laundry	Hot stove	"
" 12	11:30 a.m.	706 Wyandotte....	Dr. Grainer.	Hamilton Latu	.....	2,500 00	5 00	.....	3-story brick.	.....	Oil-stove explos.	"
" 12	6:30 p.m.	10th and Delaware		Unoccupied	5 00	.....	.....	.....	3-story brick.	Unoccupied.	False alarm.	"
" 12	9:00 p.m.	10th and Main.	A. L. Mason.	Same.....	.....	.....	.....	.....	Shed	.....	Fire-works	"
" 12	9:15 p.m.	6th and Main.	Dennis Mahony	Same.....	10 00	.....	.....	.....	2-story frame	.....	False alarm	"
" 14	11:00 p.m.	1st and Campbell	G. W. Jones.	Same.....	.....	.....	.....	.....	2-story frame	.....	Unknown	"
" 17	8:20 p.m.	717 Wyandotte.	J. L. Thornton.	Same.....	.....	.....	.....	.....	2-story brick.	Residence	Defective flue.	"
" 19	9:00 a.m.	1215 Broadway	Mr. Stewart.	W. M. Cross.	.....	2,500 00	5 00	.....	2-story brick.	Bakery.....	Defective flue.	"
" 21	8:30 p.m.	315 East Ninth.									Carelessness.	"
" 21	1:15 a.m.	21st and Broadway	J. W. Beebe	Same.....	.....	.....	.....	.....	2-story brick.	Residence	Outside limits.	"
" 22	11:15 a.m.	1321 Leveust.	Mollie Serugas.	Same.....	.....	.....	.....	.....	2-story brick.	House III Rep	Defective flue.	"
" 24	2:00 a.m.	205 & 207 West 3d.	Freeman & Cope	Kate Rule.	.....	.....	.....	.....	2-story brick.	Hotel.....	Accidental	"
" 24	7:30 a.m.	1226 St. Louis av.	Mr. Griffin.	Inco. Paper.	75 00	600 00	10 00	.....	2-story frame	.....	Unknown	"
" 24	4:30 p.m.	805 and 807 East 15th	C. W. Gorman.	Same.....	25 00	.....	.....	.....	Wood Shed	.....	Hot ashes	"
" 28	6:15 p.m.	1417 & 1419 Walnut	Geo. Dudley.	Same.....	.....	.....	.....	.....	1-story frame	Box Factory	Lamp explosior..	"
De. 5	8:00 a.m.	St. Louis av. & Liberty	Clar East 14th.	J. B. Warner.	75 00	.....	.....	800 00	2-story brick.	Store-house	Accidental	"
" 5	8:00 a.m.	501 East 14th.	Peter Soden.	Same.....	50 00	.....	.....	.....	1-story brick.	Bakery.....	Hot Furnace.	"
" 6	7:30 a.m.	8th and Mulberry	Clar Clackett.	Same.....	50 00	.....	.....	.....	1-story frame	Dwelling.	Hot stove.	"
" 10	2:00 a.m.	5th and Grand av.	Cecil Bros.	Same.....	3,000 00	5,000 00	3,111 00	5,000 00	2-story brick.	Livery Stable	Unknown	"
" 11	5:30 p.m.	6th and Grand av.										"
" 12	10:30 a.m.	403 Campbell.	Thos. Delemere	Same.....	.....	.....	.....	.....	2-story frame	Residence	Defective flue.	"
" 12	5:30 p.m.	Outside limits.	W. H. Grove.	Same.....	.....	.....	.....	.....	2-story brick.	Linsseed Oil W	Accidental	"
" 13	3:40 p.m.	13th and Broadway	Mr. Wolf.	Same.....	.....	.....	.....	.....	3-story brick.	Residence	Heater bursted.	"
" 13	8:30 p.m.	32d Main.	John Long.	Same.....	.....	.....	.....	.....			False alarm.	"
" 14	10:30 a.m.	1517 Baltimore av.	Cath. Ryan.	W. W. Williams	30 00	800 00	75 00	500 00	1 1/2-sto. frame	Residence	Gasoline oil exp.	"







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